

FAMILY	SP_SciName	Sex	Tlmax	Wmax	L50	Amax	A50
Acipenseridae	<i>Acipenserinus_transmontanus</i>	F	437	818000	193.6		
Acipenseridae	<i>Acipenserinus_transmontanus</i>	F	224	8074	127.5	34	22.5
Acipenseridae	<i>Acipenserinus_transmontanus</i>	M	190.5	4672	100.6	28	16.5
Acipenseridae	<i>Acipenserinus_transmontanus</i>	P	336	304000		70	
Agonidae	<i>Agonomalus_mozinoi</i>	P	8.9				
Agonidae	<i>Agonopsis_sterletus</i>	P	14.7				
Agonidae	<i>Agonopsis_vulsa</i>	P	20.3				
Agonidae	<i>Anoplagonus_inermis</i>	P	15				
Agonidae	<i>Aspidophoroides_monopterygius</i>	F	15.7		5 11.5	7	4.5
Agonidae	<i>Aspidophoroides_monopterygius</i>	M	15.7		5 11.5	7	4.7
Agonidae	<i>Aspidophoroides_monopterygius</i>	P	17.8				7
Agonidae	<i>Bathyagonus_alascanus</i>	P	14				
Agonidae	<i>Bathyagonus_infraspinatus</i>	P	14				
Agonidae	<i>Asterotheca_pentacanthus</i>	P	26				
Agonidae	<i>Bathyagonus_nigripinnis</i>	P	29				9
Agonidae	<i>Bothragonus_swanii</i>	P	8.9				
Agonidae	<i>Hypsagonus_quadricornis</i>	P	12		7	7	
Agonidae	<i>Occella_dodecaedron</i>	F	39	370			
Agonidae	<i>Occella_dodecaedron</i>	M	33	210			
Agonidae	<i>Occella_dodecaedron</i>	P	23				9
Agonidae	<i>Chesnonia_verrucosa</i>	P	20.3				
Agonidae	<i>Odontopyxis_trispinosa</i>	P	13		9 7.5		
Agonidae	<i>Pallasina_barbata</i>	P	20.8		9	5	
Agonidae	<i>Percis_japonicus</i>	F	39	370	29		
Agonidae	<i>Percis_japonicus</i>	M	33	210	23		
Agonidae	<i>Percis_japonicus</i>	P	44	590			
Agonidae	<i>Podothecus_acipenserinus</i>	F	27.8				
Agonidae	<i>Podothecus_acipenserinus</i>	M	27		22.8		
Agonidae	<i>Podothecus_acipenserinus</i>	P	33	240		11	
Agonidae	<i>Podothecus_veternus</i>	P	28.4				
Agonidae	<i>Sarritor_frenatus</i>	F	31.1	118	24.5		
Agonidae	<i>Sarritor_frenatus</i>	M	28.9	74	23		
Agonidae	<i>Sarritor_frenatus</i>	P	32	102		6	
Agonidae	<i>Sarritor_leptorhynchus</i>	P	22.6	33		6	
Agonidae	<i>Stellerina_xyosterna</i>	P	16.5				
Agonidae	<i>Xeneretmus_latifrons</i>	P	19		11	3	
Agonidae	<i>Xeneretmus_triakanthus</i>	P	17.8				
Albulidae	<i>Albula_sp_A</i>	F	39.1	455	27.7	20	2.67
Albulidae	<i>Albula_sp_A</i>	M			24.6		2.67
Albulidae	<i>Albula_sp_A</i>	P	39.1	496		20	
Alepisauridae	<i>Alepisaurus_ferox</i>	P	231	13190			
Alopiidae	<i>Alopias_pelagicus</i>	F	365.0	113260	287	28.5	8.6
Alopiidae	<i>Alopias_pelagicus</i>	M	324.0	84422	271	20	7.5
Alopiidae	<i>Alopias_pelagicus</i>	P	383	127700		25	

Alopiidae	<i>Alopias_superciliosus</i>	F	423	204090	341	20	12.5
Alopiidae	<i>Alopias_superciliosus</i>	M	358	136520	276	19	9.5
Alopiidae	<i>Alopias_superciliosus</i>	P	488.0	303670		26	
Alopiidae	<i>Alopias_vulpinus</i>	F	480.0	249540	303	22	5.3
Alopiidae	<i>Alopias_vulpinus</i>	M	434.0	194890	303	19	4.8
Alopiidae	<i>Alopias_vulpinus</i>	P	550.0	348000	303	25	5
Ammodytidae	<i>Ammodytes_hexapterus</i>	F	17.0	15	11.6	6	1.75
Ammodytidae	<i>Ammodytes_hexapterus</i>	M	17.0	15	9.0	6	1.75
Ammodytidae	<i>Ammodytes_hexapterus</i>	P	28.0	88		6	2
Anarhichadidae	<i>Anarrhichthys_ocellatus</i>	P	240			28	7.5
Anoplogastridae	<i>Anoplogaster_cornuta</i>	P	18.7		7		
Anoploplatidae	<i>Anoplopoma_fimbria</i>	F			68	94	6.6
Anoploplatidae	<i>Anoplopoma_fimbria</i>	M			59		5.0
Anoploplatidae	<i>Anoplopoma_fimbria</i>	F				113	
Anoploplatidae	<i>Anoplopoma_fimbria</i>	M					
Anoploplatidae	<i>Anoplopoma_fimbria</i>	F			58		4.5
Anoploplatidae	<i>Anoplopoma_fimbria</i>	M			51		4.5
Anoploplatidae	<i>Anoplopoma_fimbria</i>	M			50		
Anoploplatidae	<i>Anoplopoma_fimbria</i>	M					
Anoploplatidae	<i>Anoplopoma_fimbria</i>	P	122	25500	57.4	113	6.9
Anoploplatidae	<i>Erilepis_zonifer</i>	F	188	88500	100		16
Anoploplatidae	<i>Erilepis_zonifer</i>	P	188	91000		54	
Anotopteridae	<i>Anotopterus_nikparini</i>	P	146				
Antennariidae	<i>Antennarius_avalonis</i>	P	35.8				
Apogonidae	<i>Apogon_atricaudus</i>	P	8.9				
Apogonidae	<i>Apogon_guadalupensis</i>	P	12.7				
Apogonidae	<i>Apogon_pacificus</i>	P	10	12			
Argentinidae	<i>Argentina_sialis</i>	P	22	7			
Atherinidae	<i>Atherinops_affinis</i>	P	38.8	379	15	8	2.5
Atherinidae	<i>Atherinopsis_californiensis</i>	P	48.6	700	17.5	11	2.5
Atherinidae	<i>Leuresthes_tenuis</i>	F	19	41	13.4	5	1
Atherinidae	<i>Leuresthes_tenuis</i>	M	18	35	12.0		1
Atherinidae	<i>Leuresthes_tenuis</i>	P	19	41		5	1
Aulorhynchidae	<i>Aulorhynchus_flavidus</i>	P	18.8	13.8		9	0.9
Balistidae	<i>Balistes_polylepis</i>	P	80	4500		7	
Bathylagidae	<i>Bathylagus_milleri</i>	P	21.6	70	18.4	5	4
Bathylagidae	<i>Leuroglossus_schmidti</i>	F	12.3	8	7.2	5.5	2
Bathylagidae	<i>Leuroglossus_schmidti</i>	M	7.4	2	6.5	3	2
Bathylagidae	<i>Leuroglossus_schmidti</i>	P	24.5	72			
Bathylagidae	<i>Leuroglossus_stilbius</i>	P	17.2	31	9.2	5	3
Bathymasteridae	<i>Bathymaster_caeruleofasciatus</i>	P	30				
Bathymasteridae	<i>Bathymaster_signatus</i>	P	38	368	27	9	
Bathymasteridae	<i>Rathbunella_hypoplecta</i>	P	23				

Bathymasteridae	<i>Ronquilus_jordani</i>	P	20	123			
Batrachoididae	<i>Porichthys_myriaster</i>	P	51	1400			
Batrachoididae	<i>Porichthys_notatus</i>	F	22	70	14.7	5	2
Batrachoididae	<i>Porichthys_notatus</i>	M	31	350	17.9	7	2.5
Batrachoididae	<i>Porichthys_notatus</i>	P	40	765			
Belonidae	<i>Strongylura_exilis</i>	P	91.4	1500		5	
Blenniidae	<i>Hypsoblennius_gentilis</i>	P	14.7	34		6	1
Blenniidae	<i>Hypsoblennius_gilberti</i>	F					
Blenniidae	<i>Hypsoblennius_gilberti</i>	P	17	66	6.1	9	1
Blenniidae	<i>Hypsoblennius_jenkinsi</i>	F					
Blenniidae	<i>Hypsoblennius_jenkinsi</i>	P	13	23		6	1
Blenniidae	<i>Ophioblennius_steindachneri</i>	P	18	54			
Bramidae	<i>Brama_japonica</i>	P	70.8	2700	40.3	9	
Bramidae	<i>Pteraclis_aesticola</i>	P	61				
Bramidae	<i>Taractes_asper</i>	P	50				
Bramidae	<i>Taratichthys_steindachneri</i>	P	91.4				
Bythitidae	<i>Brosmophycis_marginata</i>	P	46	768		12	
Carangidae	<i>Caranx_caballus</i>	P	70	2800		4	
Carangidae	<i>Caranx_caninus</i>	P	100	17700		15	
Carangidae	<i>Caranx_sexfasciatus</i>	P	120	18000			
Carangidae	<i>Naucrates_ductor</i>	P	70				
Carangidae	<i>Seriola_dorsalis</i>	F	188.6	47976	65.3		2.3
Carangidae	<i>Seriola_dorsalis</i>	P	250	41800		22	
Carangidae	<i>Trachinotus_paitensis</i>	P	50.8				
Carangidae	<i>Trachurus_symmetricus</i>	P	72.6	4249		38	
Carangidae	<i>Trachurus_symmetricus</i>	P	67.0	3275		34	
Carangidae	<i>Trachurus_symmetricus</i>	P	81.3	6093	22.1	30.5	0.9
Carcharhinidae	<i>Carcharhinus_brachyurus</i>	F	308	171000	270	31	18
Carcharhinidae	<i>Carcharhinus_brachyurus</i>	M	281	131000	224	25	16.5
Carcharhinidae	<i>Carcharhinus_brachyurus</i>	P	325	305000			
Carcharhinidae	<i>Carcharhinus_leucas</i>	F	271	143000	204	28	10
Carcharhinidae	<i>Carcharhinus_leucas</i>	M	254	118000	195	23	9.5
Carcharhinidae	<i>Carcharhinus_leucas</i>	P	350	316500			
Carcharhinidae	<i>Carcharhinus_longimanus</i>	F	246	136000	193	29	8.5
Carcharhinidae	<i>Carcharhinus_longimanus</i>	M	268	174000	172	24	7.5
Carcharhinidae	<i>Carcharhinus_longimanus</i>	P	268	170000		36	
Carcharhinidae	<i>Carcharhinus_obscurus</i>	F	364	350000	281	29	16.6
Carcharhinidae	<i>Carcharhinus_obscurus</i>	M	354	276000	273	24	15.5
Carcharhinidae	<i>Carcharhinus_obscurus</i>	P	366	356000			
Carcharhinidae	<i>Galeocerdo_cuvieri</i>	F	464	726570	338	22	5
Carcharhinidae	<i>Galeocerdo_cuvieri</i>	M	406	461810	292	30	4
Carcharhinidae	<i>Galeocerdo_cuvieri</i>	P	550	1288000		30	
Carcharhinidae	<i>Prionace_glauca</i>	F	252	189320	200		6

Carcharhinidae	<i>Prionace_glauca</i>	M	295	265050	180	5
Carcharhinidae	<i>Prionace_glauca</i>	P	310	310230	20	
Centriscidae	<i>Macroramphosus_scolopax</i>	P	17.8			
Centrolophidae	<i>Icichthys_lockingtoni</i>	P	46			
Cetorhinidae	<i>Cetorhinus_maximus</i>	F	856	37676000	850	
Cetorhinidae	<i>Cetorhinus_maximus</i>	M	840	35643000	450	
Cetorhinidae	<i>Cetorhinus_maximus</i>	P	980	56079000	700	33
Chaenopsidae	<i>Chaenopsis_alepidota</i>	P	15.2			1
Chaenopsidae	<i>Neoclinus_blanchardi</i>	F			12.5	
Chaenopsidae	<i>Neoclinus_blanchardi</i>	P	30.5	258		
Chaenopsidae	<i>Neoclinus_stephensae</i>	F			4.9	
Chaenopsidae	<i>Neoclinus_stephensae</i>	P	10	6		
Chaenopsidae	<i>Neoclinus_uninotatus</i>	F			11.5	
Chaenopsidae	<i>Neoclinus_uninotatus</i>	P	25	138		
Chaetodontidae	<i>Chaetodon_humeralis</i>	P	26.9			
Chaetodontidae	<i>Prognathodes_falcifer</i>	P	17			
Chimaeridae	<i>Hydrolagus_colliei</i>	F	91.8		52.3	21 14
Chimaeridae	<i>Hydrolagus_colliei</i>	M	93.1		42	16 12
Chimaeridae	<i>Hydrolagus_colliei</i>	F	66.2		47.9	
Chimaeridae	<i>Hydrolagus_colliei</i>	M	52.4		40.3	
Chimaeridae	<i>Hydrolagus_colliei</i>	P	100	1800		15
Chlamydoselachidi	<i>Chlamydoselachus_anguineus</i>	F			135	
Chlamydoselachidi	<i>Chlamydoselachus_anguineus</i>	M			99	
Chlamydoselachidi	<i>Chlamydoselachus_anguineus</i>	P	196			
Clinidae	<i>Gibbonsia_elegans</i>	P	16	40		
Clinidae	<i>Gibbonsia_metzi</i>	P	23.5	81		8
Clinidae	<i>Gibbonsia_montereyensis</i>	P	13.9			3.1
Clinidae	<i>Heterostichus_rostratus</i>	F				
Clinidae	<i>Heterostichus_rostratus</i>	P	61	1911	18.6	5 1.25
Clinidae	<i>Paraclinus_integripinnis</i>	F			4	
Clinidae	<i>Paraclinus_integripinnis</i>	P	7	5		2
Clupeidae	<i>Alosa_sapidissima</i>	F			43	4.5
Clupeidae	<i>Alosa_sapidissima</i>	M			38	3.5
Clupeidae	<i>Alosa_sapidissima</i>	P	76	5500		13
Clupeidae	<i>Clupea_pallasii</i>	P		520		14 4
Clupeidae	<i>Clupea_pallasii</i>	P		270		10 3
Clupeidae	<i>Clupea_pallasii</i>	P		211		10 3
Clupeidae	<i>Clupea_pallasii</i>	P		220	20.9	10 3
Clupeidae	<i>Clupea_pallasii</i>	P		143		8 2
Clupeidae	<i>Clupea_pallasii</i>	P				
Clupeidae	<i>Clupea_pallasii</i>	P				
Clupeidae	<i>Clupea_pallasii</i>	P	46	1000		19 4
Clupeidae	<i>Dorosoma_petenense</i>	P	33	310		2

Clupeidae	<i>Etrumeus_sadina</i>	P	30.5	244	17	3	0.58
Clupeidae	<i>Harengula_thrissina</i>	P	18.5			6	
Clupeidae	<i>Opisthonema_libertate</i>	P	30	509		6	
Clupeidae	<i>Sardinops_sagax_caeruleus</i>	P	41.0	500	15.0	25	1.00
Coryphaenidae	<i>Coryphaena_hippurus</i>	F	173	25400	91.7		
Coryphaenidae	<i>Coryphaena_hippurus</i>	M	185	30900	110.8		
Coryphaenidae	<i>Coryphaena_hippurus</i>	P	210	46000	95.3	4	0.33
Sculpins--Cottidae	<i>Artedius_corallinus</i>	P	14			3	
Sculpins--Cottidae	<i>Artedius_fenestralis</i>	P	14				
Sculpins--Cottidae	<i>Artedius_harringtoni</i>	F			5.4	2	1
Sculpins--Cottidae	<i>Artedius_harringtoni</i>	P	11.2			2	
Sculpins--Cottidae	<i>Artedius_lateralis</i>	P	14		3.2	3	0.9
Sculpins--Cottidae	<i>Artedius_notospilotus</i>	P	25.4				
Sculpins--Cottidae	<i>Ascelichthys_rhodorus</i>	P	16.8				
Sculpins--Cottidae	<i>Asemichthys_taylori</i>	P	5.7				
Sculpins--Cottidae	<i>Chitonotus_pugetensis</i>	F			6.6		
Sculpins--Cottidae	<i>Chitonotus_pugetensis</i>	P	22.9	139			
Sculpins--Cottidae	<i>Clinocottus_acuticeps</i>	F					
Sculpins--Cottidae	<i>Clinocottus_acuticeps</i>	P	6.4				
Sculpins--Cottidae	<i>Clinocottus_analis</i>	F	10	13	6	6	1
Sculpins--Cottidae	<i>Clinocottus_analis</i>	M	17	67	6	8	1
Sculpins--Cottidae	<i>Clinocottus_analis</i>	P	17.8	84	5.5	8	1
Sculpins--Cottidae	<i>Clinocottus_embryum</i>	P	7				
Sculpins--Cottidae	<i>Clinocottus_globiceps</i>	P	12.6	40		6	
Sculpins--Cottidae	<i>Clinocottus_globiceps</i>	P	14.3	59		5	
Sculpins--Cottidae	<i>Clinocottus_globiceps</i>	P	9.6	17		4	
Sculpins--Cottidae	<i>Clinocottus_globiceps</i>	P	19	146		5	
Sculpins--Cottidae	<i>Clinocottus_recalvus</i>	P	13				
Sculpins--Cottidae	<i>Enophrys_bison</i>	F					
Sculpins--Cottidae	<i>Enophrys_bison</i>	P	37.1	494			
Sculpins--Cottidae	<i>Enophrys_diceraus</i>	P	38				
Sculpins--Cottidae	<i>Enophrys_taurina</i>	P	17.3				
Sculpins--Cottidae	<i>Gilbertidia_sigalutes</i>	P	8.3				
Sculpins--Cottidae	<i>Gymnocanthus_galeatus</i>	F		1200	26	13	6.5
Sculpins--Cottidae	<i>Gymnocanthus_galeatus</i>	M		600	24	11	5.5
Sculpins--Cottidae	<i>Gymnocanthus_galeatus</i>	P	56.9	2200		13	
Sculpins--Cottidae	<i>Gymnocanthus_pistilliger</i>	F	20.1	99	26	9	6.5
Sculpins--Cottidae	<i>Gymnocanthus_pistilliger</i>	M	16.1	48	24	10	5.5
Sculpins--Cottidae	<i>Gymnocanthus_pistilliger</i>	P	31	240		13	
Sculpins--Cottidae	<i>Hemilepidotus_hemilepidotus</i>	F	38.5	1025			
Sculpins--Cottidae	<i>Hemilepidotus_hemilepidotus</i>	M	31.3	425			
Sculpins--Cottidae	<i>Hemilepidotus_hemilepidotus</i>	P	50.8	1500			4
Sculpins--Cottidae	<i>Hemilepidotus_jordani</i>	F	50	3600	26.1	28	3.4

Sculpins--Cottidae <i>Hemilepidotus_jordani</i>	M	50	3600		24	
Sculpins--Cottidae <i>Hemilepidotus_jordani</i>	P				28	
Sculpins--Cottidae <i>Hemilepidotus_jordani</i>	F	51	3800	28.9	27	5
Sculpins--Cottidae <i>Hemilepidotus_jordani</i>	M	53	4300		20	
Sculpins--Cottidae <i>Hemilepidotus_jordani</i>	P				27	
Sculpins--Cottidae <i>Hemilepidotus_jordani</i>	P	53	4300	36	30	6.5
Sculpins--Cottidae <i>Hemilepidotus_papilio</i>	F	42	960	23		6
Sculpins--Cottidae <i>Hemilepidotus_papilio</i>	M	37	630			
Sculpins--Cottidae <i>Hemilepidotus_papilio</i>	P	37.1	595			
Sculpins--Cottidae <i>Hemilepidotus_spinosus</i>	P	33	72		7	
Sculpins--Cottidae <i>Icelinus_borealis</i>	P	11.4				
Sculpins--Cottidae <i>Icelinus_burchami</i>	P	12.7				
Sculpins--Cottidae <i>Icelinus_cavifrons</i>	P	8.9				
Sculpins--Cottidae <i>Icelinus_filamentosus</i>	P	27				
Sculpins--Cottidae <i>Icelinus_tenuis</i>	P	15.9				
Sculpins--Cottidae <i>Icelinus_quadriseriatus</i>	F					
Sculpins--Cottidae <i>Icelinus_quadriseriatus</i>	P	11	13			
Sculpins--Cottidae <i>Icelus_spiniger</i>	P	27.9				
Sculpins--Cottidae <i>Jordania_zonope</i>	P	15	23		5	
Sculpins--Cottidae <i>Leiocottus_hirundo</i>	P	25.4				
Sculpins--Cottidae <i>Leptocottus_armatus</i>	P	27.2	244		10	
Sculpins--Cottidae <i>Leptocottus_armatus</i>	F	19.8	90			
Sculpins--Cottidae <i>Leptocottus_armatus</i>	P	19.8	90		3	
Sculpins--Cottidae <i>Leptocottus_armatus</i>	F	20.2	96			
Sculpins--Cottidae <i>Leptocottus_armatus</i>	P	20.2	96	15		1
Sculpins--Cottidae <i>Leptocottus_armatus</i>	P	48	1444		10	1
Sculpins--Cottidae <i>Megalocottus_platycephalus</i>	P	42	1100			
Sculpins--Cottidae <i>Myoxocephalus_jaok</i>	F	63	2526		15	7
Sculpins--Cottidae <i>Myoxocephalus_jaok</i>	M	51	1860		12	5
Sculpins--Cottidae <i>Myoxocephalus_jaok</i>	P	70	8000		16	6.5
Sculpins--Cottidae <i>Myoxocephalus_polyacanthocephalus</i>	F	80	8500	55	17	8
Sculpins--Cottidae <i>Myoxocephalus_polyacanthocephalus</i>	M	65	5000	40		6
Sculpins--Cottidae <i>Myoxocephalus_polyacanthocephalus</i>						
Sculpins--Cottidae <i>Myoxocephalus_polyacanthocephalus</i>	F	84	6800	43	16	7
Sculpins--Cottidae <i>Myoxocephalus_polyacanthocephalus</i>	M			34		6
Sculpins--Cottidae <i>Myoxocephalus_polyacanthocephalus</i>	P	79	10000		16	6.9
Sculpins--Cottidae <i>Myoxocephalus_quadricornis</i>	P	36.6				
Sculpins--Cottidae <i>Myoxocephalus_scorpioides</i>	P	23.9				
Sculpins--Cottidae <i>Myoxocephalus_scorpius(verrucosus)</i>	F	54	2200	35	11	6
Sculpins--Cottidae <i>Myoxocephalus_scorpius(verrucosus)</i>	M	26	258	30	7	5
Sculpins--Cottidae <i>Myoxocephalus_scorpius(verrucosus)</i>	P	60	4800		15	
Sculpins--Cottidae <i>Myoxocephalus_scorpius(verrucosus)</i>	F	58	2627		18	
Sculpins--Cottidae <i>Myoxocephalus_scorpius(verrucosus)</i>	M	53	2389		15	
Sculpins--Cottidae <i>Myoxocephalus_scorpius(verrucosus)</i>	P	57.9				
Sculpins--Cottidae <i>Oligocottus_maculosus</i>	F					1

Sculpins--Cottidae	<i>Oligocottus_maculosus</i>	P	13.1	36		5	
Sculpins--Cottidae	<i>Oligocottus_maculosus</i>	P	10	14		5	
Sculpins--Cottidae	<i>Oligocottus_maculosus</i>	P	8.9	10		3	
Sculpins--Cottidae	<i>Oligocottus_rimensis</i>	P	6.5				
Sculpins--Cottidae	<i>Oligocottus_rubellio</i>	P	10			2	
Sculpins--Cottidae	<i>Oligocottus_snyderi</i>	F	7.9	7	4.8		1
Sculpins--Cottidae	<i>Oligocottus_snyderi</i>	M	8.5	8			1
Sculpins--Cottidae	<i>Oligocottus_snyderi</i>	P	9.2	19		2	
Sculpins--Cottidae	<i>Orthonopias_triakis</i>	F	8.1	14	4.5		
Sculpins--Cottidae	<i>Orthonopias_triakis</i>	M	9.1	20			
Sculpins--Cottidae	<i>Orthonopias_triakis</i>	P	9.6	24		2	
Sculpins--Cottidae	<i>Radulinus_asprellus</i>	P	15.2				
Sculpins--Cottidae	<i>Radulinus_boleoides</i>	P	12.7				
Sculpins--Cottidae	<i>Ruscarius_creaseri</i>	P	7.6			2	
Sculpins--Cottidae	<i>Ruscarius(Arteidius)_meanyi</i>	P	5.9				
Sculpins--Cottidae	<i>Scorpaenichthys_marmoratus</i>	F	93.5	28378	43.7	20	
Sculpins--Cottidae	<i>Scorpaenichthys_marmoratus</i>	M	93.5	28378		18	
Sculpins--Cottidae	<i>Scorpaenichthys_marmoratus</i>	F	93.7	15000	43.7	17	3.87
Sculpins--Cottidae	<i>Scorpaenichthys_marmoratus</i>	M	93.7	15000		17	
Sculpins--Cottidae	<i>Scorpaenichthys_marmoratus</i>	F	92.6	17368	33.7	17	2.29
Sculpins--Cottidae	<i>Scorpaenichthys_marmoratus</i>	M	92.6	16053	29.7	17	1.85
Sculpins--Cottidae	<i>Scorpaenichthys_marmoratus</i>	F	92.6	17368	33.7	17	2.29
Sculpins--Cottidae	<i>Scorpaenichthys_marmoratus</i>	M	92.6	16053	29.7	17	1.85
Sculpins--Cottidae	<i>Scorpaenichthys_marmoratus</i>	P	99	11500			
Sculpins--Cottidae	<i>Synchirus_gilli</i>	P	6.9				
Sculpins--Cottidae	<i>Triglops_forficatus</i>	P	28	112		6	
Sculpins--Cottidae	<i>Triglops_macellus</i>	P	30				
Sculpins--Cottidae	<i>Triglops_pingelil</i>	P	20.6	47		6	
Sculpins--Cottidae	<i>Triglops_scepticus</i>	P	30.5	380		8	
Cryptacanthodidae	<i>Cryptacanthodes_aleutensis</i>	P	31				
Cryptacanthodidae	<i>Cryptacanthodes_giganteus</i>	P	134				
Cyclopteridae	<i>Aptocyclus_ventricosus</i>	F					
Cyclopteridae	<i>Aptocyclus_ventricosus</i>	P	44	4200	20		
Cyclopteridae	<i>Eumicrotremus_orbis</i>	F					
Cyclopteridae	<i>Eumicrotremus_orbis</i>	P	12.7				
Cyprinodontidae	<i>Fundulus_parvipinnis</i>	F					
Cyprinodontidae	<i>Fundulus_parvipinnis</i>	P	10.8	32	5.7	3	0.96
Dalatiidae	<i>Isistius_brasiliensis</i>	F	56		41		
Dalatiidae	<i>Isistius_brasiliensis</i>	M	40		34		
Dalatiidae	<i>Isistius_brasiliensis</i>	P	56				
Dasyatididae	<i>Dasyatis_dipterura</i>	F	78	19004	57.7	28	10
Dasyatididae	<i>Dasyatis_dipterura</i>	M	61	5066	46.7	19	6
Dasyatididae	<i>Dasyatis_dipterura</i>	P	200	325790			
Dasyatididae	<i>Pteroplatytrygon_violacea</i>	F	163	49000	65	9	4.5
Dasyatididae	<i>Pteroplatytrygon_violacea</i>	M	116	12000	70	7	3
Dasyatididae	<i>Pteroplatytrygon_violacea</i>	P	163	49000		10	3
Diodontidae	<i>Chilomycterus_reticulatus</i>	P	75	4100			

Diodontidae	<i>Diodon_holocanthus</i>	F	40.3	19.7			
Diodontidae	<i>Diodon_holocanthus</i>	M	35.1	20.1			
Diodontidae	<i>Diodon_holocanthus</i>	P	60				
Diodontidae	<i>Diodon_hystrix</i>	P	91	2800			
Echeneidae	<i>Echeneis_naucrates</i>	P	110	5400			
Echeneidae	<i>Remora_osteochir</i>	P	38.1				
Echeneidae	<i>Remora_remora</i>	P	86.4	7000			
Echinorhinidae	<i>Echinorhinus_cookei</i>	F		290			
Echinorhinidae	<i>Echinorhinus_cookei</i>	M		240			
Echinorhinidae	<i>Echinorhinus_cookei</i>	P	396				
Eleotridae	<i>Dormitator_latifrons</i>	P	61	7240			
Elopidae	<i>Elops_affinis</i>	P	91.4				
Embiotocidae	<i>Amphistichus_argenteus</i>	F	43.4	1552	17.2	9	1.5
Embiotocidae	<i>Amphistichus_argenteus</i>	M	33.2	689	17.2	6	1.5
Embiotocidae	<i>Amphistichus_argenteus</i>	P	43.2	2100		9	
Embiotocidae	<i>Amphistichus_koelzi</i>	F	32.1	730	18.6		
Embiotocidae	<i>Amphistichus_koelzi</i>	M	27.4	386	17.3		
Embiotocidae	<i>Amphistichus_koelzi</i>	P	32.5	900		6	
Embiotocidae	<i>Amphistichus_rhodoterus</i>	F	36.9	931	24	8	3.5
Embiotocidae	<i>Amphistichus_rhodoterus</i>	M	33.3	644	15.5	9	2.5
Embiotocidae	<i>Amphistichus_rhodoterus</i>	P	36.9	931		9	
Embiotocidae	<i>Amphistichus_rhodoterus</i>	F	40.2	1223	24.5	9	3.5
Embiotocidae	<i>Amphistichus_rhodoterus</i>	M	32.6	604	15	9	2.5
Embiotocidae	<i>Amphistichus_rhodoterus</i>	P	40.6	1800		13	
Embiotocidae	<i>Brachyistius_frenatus</i>	F	14.1	76			
Embiotocidae	<i>Brachyistius_frenatus</i>	P	14.1	76	10.5	2.5	1
Embiotocidae	<i>Cymatogaster_aggregata</i>	F	16	31		4	1.2
Embiotocidae	<i>Cymatogaster_aggregata</i>	M	15.9	28		4	0.8
Embiotocidae	<i>Cymatogaster_aggregata</i>	P					
Embiotocidae	<i>Cymatogaster_aggregata</i>	F	15.6	51			
Embiotocidae	<i>Cymatogaster_aggregata</i>	M	12.3	24			
Embiotocidae	<i>Cymatogaster_aggregata</i>	F			5		0.5
Embiotocidae	<i>Cymatogaster_aggregata</i>	M			5		0.1
Embiotocidae	<i>Cymatogaster_aggregata</i>	F					
Embiotocidae	<i>Cymatogaster_aggregata</i>	P	20.3	374	5	6	0.3
Embiotocidae	<i>Embiotoca_caryi</i>	F					
Embiotocidae	<i>Embiotoca_caryi</i>	P	30.5	453			
Embiotocidae	<i>Embiotocoa_jacksoni</i>	F	37.4	1014		7	
Embiotocidae	<i>Embiotocoa_jacksoni</i>	M	28.9	474		4	
Embiotocidae	<i>Embiotocoa_jacksoni</i>	P	37.4	1014			
Embiotocidae	<i>Embiotocoa_jacksoni</i>	F					
Embiotocidae	<i>Embiotocoa_jacksoni</i>	F					
Embiotocidae	<i>Embiotocoa_jacksoni</i>	P	31.2	625		5.3	
Embiotocidae	<i>Embiotocoa_jacksoni</i>	P	27.5	434			
Embiotocidae	<i>Embiotocoa_jacksoni</i>	P	26.3	380			
Embiotocidae	<i>Embiotocoa_jacksoni</i>	P	27.8	487	20.2	7	1.5
Embiotocidae	<i>Embiotocoa_jacksoni</i>	F	24.3	228		4	

Embiotocidae	<i>Embiotoca_jacksoni</i>	M	20.7	141	4	
Embiotocidae	<i>Embiotoca_jacksoni</i>	P			4	
Embiotocidae	<i>Embiotoca_jacksoni</i>	P	39	2235		
Embiotocidae	<i>Embiotoca_lateralis</i>	F				
Embiotocidae	<i>Embiotoca_lateralis</i>	M				
Embiotocidae	<i>Embiotoca_lateralis</i>	P	34.4	665	24.4	9
Embiotocidae	<i>Embiotoca_lateralis</i>	F	35.4	817	26.1	8 2.5
Embiotocidae	<i>Embiotoca_lateralis</i>	M	31.4	572	24	7 2.5
Embiotocidae	<i>Embiotoca_lateralis</i>	F	37.5	1158		9
Embiotocidae	<i>Embiotoca_lateralis</i>	M	37	1137		9
Embiotocidae	<i>Embiotoca_lateralis</i>	P	39.6	1015	24.8	9 2.5
Embiotocidae	<i>Hyperprosopon_argenteum</i>	F	24.3	194		6 1
Embiotocidae	<i>Hyperprosopon_argenteum</i>	M	22.6	186		6
Embiotocidae	<i>Hyperprosopon_argenteum</i>	P	24.3	194		6
Embiotocidae	<i>Hyperprosopon_argenteum</i>	F	19.7	71		4
Embiotocidae	<i>Hyperprosopon_argenteum</i>	M	17.4	22		3
Embiotocidae	<i>Hyperprosopon_argenteum</i>	P	19.7	71		4
Embiotocidae	<i>Hyperprosopon_argenteum</i>	F	24.3	236	10	4 0.9
Embiotocidae	<i>Hyperprosopon_argenteum</i>	M	20.7	141	8	3 0.9
Embiotocidae	<i>Hyperprosopon_argenteum</i>	P	30.5	245		7
Embiotocidae	<i>Hyperprosopon_ellipticum</i>	F	23.7	201	17.2	5 2.5
Embiotocidae	<i>Hyperprosopon_ellipticum</i>	M	21.7	162	15.5	7 2
Embiotocidae	<i>Hyperprosopon_ellipticum</i>	P	26.7	188		
Embiotocidae	<i>Hypocritichthys_analis</i>	F	20	127	12.7	3 1
Embiotocidae	<i>Hypocritichthys_analis</i>	M				2
Embiotocidae	<i>Hypocritichthys_analis</i>	P	20	127	10.2	4 1
Embiotocidae	<i>Micrometrus_aurora</i>	F	17.1	90	4.5	4 0.1
Embiotocidae	<i>Micrometrus_aurora</i>	M	11.00	22	4.00	3 0
Embiotocidae	<i>Micrometrus_aurora</i>	P	18	110		4 0
Embiotocidae	<i>Micrometrus_minimus</i>	F	13.5	42	4.88	6 0.1
Embiotocidae	<i>Micrometrus_minimus</i>	M	9.6	14	3.56	3 0
Embiotocidae	<i>Micrometrus_minimus</i>	P	16.1	76		6
Embiotocidae	<i>Phanerodon_atripes</i>	F				
Embiotocidae	<i>Phanerodon_atripes</i>	P	29			7.1
Embiotocidae	<i>Phanerodon_furcatus</i>	F	20.75	236		
Embiotocidae	<i>Phanerodon_furcatus</i>	M	21.4	266		
Embiotocidae	<i>Phanerodon_furcatus</i>	P	21.4	280		
Embiotocidae	<i>Phanerodon_furcatus</i>	F	30.8	366	17.7	7 2
Embiotocidae	<i>Phanerodon_furcatus</i>	M	28.6	312	15.5	6 1.8
Embiotocidae	<i>Phanerodon_furcatus</i>	F	19.7	185	16	7
Embiotocidae	<i>Phanerodon_furcatus</i>	M	17.3	123		4
Embiotocidae	<i>Phanerodon_furcatus</i>	P	37.5	580		10.1
Embiotocidae	<i>Phanerodon_vacca</i>	F	49	2000	22.4	10 2.3
Embiotocidae	<i>Phanerodon_vacca</i>	M	43	1120	20.4	9 2
Embiotocidae	<i>Phanerodon_vacca</i>	P	44.2	2000		10
Embiotocidae	<i>Rhacochilus_toxotes</i>	F				
Embiotocidae	<i>Rhacochilus_toxotes</i>	P	47	1900	25	10

Embiotocidae	<i>Zalembius_roseus</i>	F	20.6	108	7		
Embiotocidae	<i>Zalembius_roseus</i>	P	20.3	103		8	
Engraulidae	<i>Anchoa_compressa</i>	F			9.6	6	
Engraulidae	<i>Anchoa_compressa</i>	M			9.8	5	
Engraulidae	<i>Anchoa_compressa</i>	P	16.5	32	10.0	6	1
Engraulidae	<i>Anchoa_delicatissima</i>	F			7.5	3	
Engraulidae	<i>Anchoa_delicatissima</i>	M			7.5	2	
Engraulidae	<i>Anchoa_delicatissima</i>	P	14.9	21	5.8	3	1
Engraulidae	<i>Cetengraulis_mysticetus</i>	P	22	130	15.9	3	1
Engraulidae	<i>Engraulis_mordax</i>	F	16.8		10.5	7	2
Engraulidae	<i>Engraulis_mordax</i>	M	15.3			6	2
Engraulidae	<i>Engraulis_mordax</i>	P	28.8	67	15.1	6.5	2
Engraulidae	<i>Engraulis_mordax</i>	P	19.5	18	11.2	6.5	1
Engraulidae	<i>Engraulis_mordax</i>	P					
Engraulidae	<i>Engraulis_mordax</i>	P	14	20		4	1
Engraulidae	<i>Engraulis_mordax</i>	P	24.8	68	13.5	7	2.5
Ephippidae	<i>Chaetodipterus_zonatus</i>	P	67				
Epinephelidae	<i>Cephalopholis_colonius</i>	P	43	706			
Epinephelidae	<i>Dermatolepis_dermatolepis</i>	P	99.06				
Epinephelidae	<i>Epinephelus_analogus</i>	P	87	22400			
Epinephelidae	<i>Hyporthodus_acanthistius</i>	P	129.5	5800			
Epinephelidae	<i>Mycteroperca_jordani</i>	P	198				
Epinephelidae	<i>Mycteroperca_xenarcha</i>	P	150	6500		36	
Epinephelidae	<i>Pronotogrammus_multifasciatus</i>	P	28.5	360			
Exocoetidae	<i>Cheilopogon_pinnatibarbatus</i>	P	48	600		5	
Exocoetidae	<i>Cheilopogon_heterurus</i>	P	34.8				
Exocoetidae	<i>Fodiator_acutus</i>	P	24.9				
Flatfishes-Achirida	<i>Achirus_mazatlanus</i>	P	20	131			
Flatfishes-Bothidae	<i>Bothus_constellatus</i>	P	20	30	10.1		
Flatfishes--Cynoglossidae	<i>Symphurus_atricaudus</i>	P	21	87	11.8	10	
Flatfishes--Paralichthys	<i>Citharichthys_fragilis</i>	P	22	92			
Flatfishes--Paralichthys	<i>Citharichthys_sordidus</i>	F	30.3	295	12.8	13	3
Flatfishes--Paralichthys	<i>Citharichthys_sordidus</i>	M	26.5	180	12.8	11	2
Flatfishes--Paralichthys	<i>Citharichthys_sordidus</i>	P	41	850	19	13	3.5
Flatfishes--Paralichthys	<i>Citharichthys_stigmaeus</i>	F					
Flatfishes--Paralichthys	<i>Citharichthys_stigmaeus</i>	P	19.2	83	8.4	4	1.9
Flatfishes--Paralichthys	<i>Citharichthys_xanthostigma</i>	F	27.8	158	13.3	6	2.5
Flatfishes--Paralichthys	<i>Citharichthys_xanthostigma</i>	M	21.3	129	8.8	5	1.8
Flatfishes--Paralichthys	<i>Citharichthys_xanthostigma</i>	P				6	
Flatfishes--Paralichthys	<i>Citharichthys_xanthostigma</i>	F	34.8	438	17.6	10	
Flatfishes--Paralichthys	<i>Citharichthys_xanthostigma</i>	M	23.4	141	12	10	
Flatfishes--Paralichthys	<i>Citharichthys_xanthostigma</i>	P	29	150	13	10	
Flatfishes--Paralichthys	<i>Hippoglossina_stomata</i>	F				10	
Flatfishes--Paralichthys	<i>Hippoglossina_stomata</i>	M				10	
Flatfishes--Paralichthys	<i>Hippoglossina_stomata</i>	P	39.9	635	17.5	10	3
Flatfishes--Paralichthys	<i>Paralichthys_californicus</i>	F	111	14634	48.1	19	2.6
Flatfishes--Paralichthys	<i>Paralichthys_californicus</i>	M	95.9	9392	27.2	16	1.1

Flatfishes--Paralich <i>Paralichthys_californicus</i>	F	98.7	10249	47.1	13	4.3
Flatfishes--Paralich <i>Paralichthys_californicus</i>	M	70.7	3726	22.7	12	1.3
Flatfishes--Paralich <i>Paralichthys_californicus</i>	F	62	2502	47.1	30	4.3
Flatfishes--Paralich <i>Paralichthys_californicus</i>	M	53	1555	22.7	23	1.3
Flatfishes--Paralich <i>Paralichthys_californicus</i>	P	152	33000		30	
Flatfishes--Paralich <i>Xystreureys_liolepis</i>	F	47.1	1450	18	20	2
Flatfishes--Paralich <i>Xystreureys_liolepis</i>	M	38.6	500	18	20	2
Flatfishes--Paralich <i>Xystreureys_liolepis</i>	P	53	3900	18	20	2
Flatfishes--Pleuron <i>Atheresthes_evermanni</i>	F			60		
Flatfishes--Pleuron <i>Atheresthes_evermanni</i>	M			45		
Flatfishes--Pleuron <i>Atheresthes_evermanni</i>	F	91	9562	46	33	10.1
Flatfishes--Pleuron <i>Atheresthes_evermanni</i>	M	55	1666	41	10	
Flatfishes--Pleuron <i>Atheresthes_evermanni</i>	F	94.2	10713		33	
Flatfishes--Pleuron <i>Atheresthes_evermanni</i>	M					
Flatfishes--Pleuron <i>Atheresthes_evermanni</i>	P	110	8500		33	
Flatfishes--Pleuron <i>Atheresthes_stomias</i>	F	85.6	7060	46.5	25	
Flatfishes--Pleuron <i>Atheresthes_stomias</i>	M	52.5	1393			
Flatfishes--Pleuron <i>Atheresthes_stomias</i>	F	91	8649	48.1	12	7.6
Flatfishes--Pleuron <i>Atheresthes_stomias</i>	M	57	1830	35.4	9	5.5
Flatfishes--Pleuron <i>Atheresthes_stomias</i>	F	83.8	5437	38.4	22	5.6
Flatfishes--Pleuron <i>Atheresthes_stomias</i>	M	78.8	3526	31.3		4.4
Flatfishes--Pleuron <i>Atheresthes_stomias</i>	F	80.8	5829	36.8		
Flatfishes--Pleuron <i>Atheresthes_stomias</i>	M	53.5	1483	28		
Flatfishes--Pleuron <i>Atheresthes_stomias</i>	F	82.1	6356	44	22	8
Flatfishes--Pleuron <i>Atheresthes_stomias</i>	M			29		4
Flatfishes--Pleuron <i>Atheresthes_stomias</i>	P	86	8700		56	
Flatfishes--Pleuron <i>Clidoderma_asperrimum</i>	P	62	4400	29	20	
Flatfishes--Pleuron <i>Embassichthys_bathybius</i>	P	52	1000			
Flatfishes--Pleuron <i>Eopsetta_jordani</i>	F	63	3628	36	32	5
Flatfishes--Pleuron <i>Eopsetta_jordani</i>	M	50	1525	32	29	4
Flatfishes--Pleuron <i>Eopsetta_jordani</i>	P	70	3600		34	
Flatfishes--Pleuron <i>Glyptocephalus_zachirus</i>	F	55.2	1496	35.2	29	5.1
Flatfishes--Pleuron <i>Glyptocephalus_zachirus</i>	M					
Flatfishes--Pleuron <i>Glyptocephalus_zachirus</i>	F	50.9	1073	24	23	5
Flatfishes--Pleuron <i>Glyptocephalus_zachirus</i>	M	35.9	305	16	12	3
Flatfishes--Pleuron <i>Glyptocephalus_zachirus</i>	P	61	2500		29	4
Flatfishes--Pleuron <i>Hippoglossoides_elassodon</i>	F	53.8	1817	34.3	26	8.9
Flatfishes--Pleuron <i>Hippoglossoides_elassodon</i>	M	41.5	768		24	
Flatfishes--Pleuron <i>Hippoglossoides_elassodon</i>	F	51.5	1572	33.3	24	8.7
Flatfishes--Pleuron <i>Hippoglossoides_elassodon</i>	M	46.2	1096		25	
Flatfishes--Pleuron <i>Hippoglossoides_elassodon</i>	F			22.4		3.5
Flatfishes--Pleuron <i>Hippoglossoides_elassodon</i>	M			17		2
Flatfishes--Pleuron <i>Hippoglossoides_elassodon</i>	P	56	2800		32	
Flatfishes--Pleuron <i>Hippoglossoides_robustus</i>	F					
Flatfishes--Pleuron <i>Hippoglossoides_robustus</i>	M					
Flatfishes--Pleuron <i>Hippoglossoides_robustus</i>	P	52	1500	25	29	
Flatfishes--Pleuron <i>Pleuronichthys_guttulatus</i>	P	45.7	1900	18.8	6	2.5

Flatfishes--Pleuron <i>Hippoglossus_stenolepis</i>	F				34	
Flatfishes--Pleuron <i>Hippoglossus_stenolepis</i>	M				40	
Flatfishes--Pleuron <i>Hippoglossus_stenolepis</i>	F				28	
Flatfishes--Pleuron <i>Hippoglossus_stenolepis</i>	M				33	
Flatfishes--Pleuron <i>Hippoglossus_stenolepis</i>	F				39	
Flatfishes--Pleuron <i>Hippoglossus_stenolepis</i>	M				24	
Flatfishes--Pleuron <i>Hippoglossus_stenolepis</i>	F				25	
Flatfishes--Pleuron <i>Hippoglossus_stenolepis</i>	M				25	
Flatfishes--Pleuron <i>Hippoglossus_stenolepis</i>	F	267		100	42	12
Flatfishes--Pleuron <i>Hippoglossus_stenolepis</i>	M	258		75	55	8
Flatfishes--Pleuron <i>Hippoglossus_stenolepis</i>	P	267	227000		55	
Flatfishes--Pleuron <i>Isopsetta_isolepis</i>	F				21	3
Flatfishes--Pleuron <i>Isopsetta_isolepis</i>	M				18	2
Flatfishes--Pleuron <i>Isopsetta_isolepis</i>	P				9	
Flatfishes--Pleuron <i>Isopsetta_isolepis</i>	P	55.2	1700		12	
Flatfishes--Pleuron <i>Lepidopsetta_bilineata</i>	F	61.2	3187	34.7	25	9
Flatfishes--Pleuron <i>Lepidopsetta_bilineata</i>	M	43.7	2625		28	
Flatfishes--Pleuron <i>Lepidopsetta_bilineata</i>	P	59	3800		28	
Flatfishes--Pleuron <i>Lepidopsetta_polyxystra</i>	F	52.1	1895	30.9		9
Flatfishes--Pleuron <i>Lepidopsetta_polyxystra</i>	M					
Flatfishes--Pleuron <i>Lepidopsetta_polyxystra</i>	F	52.5	1943	32.8	22	7
Flatfishes--Pleuron <i>Lepidopsetta_polyxystra</i>	M	45.7	1233		21	
Flatfishes--Pleuron <i>Lepidopsetta_polyxystra</i>	P	69	3400		27	
Flatfishes--Pleuron <i>Limanda_aspera</i>	F	49.2	1557		32	
Flatfishes--Pleuron <i>Limanda_aspera</i>	M	37.3	584		30	
Flatfishes--Pleuron <i>Limanda_aspera</i>	F	45.4	1202		31	
Flatfishes--Pleuron <i>Limanda_aspera</i>	M	38.9	665		30	
Flatfishes--Pleuron <i>Limanda_aspera</i>	F	50	1640	30	34	10
Flatfishes--Pleuron <i>Limanda_aspera</i>	M	43	906	15.5	35	6.5
Flatfishes--Pleuron <i>Limanda_aspera</i>	P	49	1700		39	
Flatfishes--Pleuron <i>Limanda_proboscidea</i>	F					
Flatfishes--Pleuron <i>Limanda_proboscidea</i>	P	41				
Flatfishes--Pleuron <i>Lyopsetta_exilis</i>	F				19	4
Flatfishes--Pleuron <i>Lyopsetta_exilis</i>	M				14	2
Flatfishes--Pleuron <i>Lyopsetta_exilis</i>	F	30	204		14	
Flatfishes--Pleuron <i>Lyopsetta_exilis</i>	M					
Flatfishes--Pleuron <i>Lyopsetta_exilis</i>	P	40	228		20	
Flatfishes--Pleuron <i>Microstomus_pacificus</i>	F	66	3414	43.9	38	6.7
Flatfishes--Pleuron <i>Microstomus_pacificus</i>	F	55	1829	33.6		8.5
Flatfishes--Pleuron <i>Microstomus_pacificus</i>	F	51	1432	33.4	48	8
Flatfishes--Pleuron <i>Microstomus_pacificus</i>	M	41	705	27.1	42	5.1
Flatfishes--Pleuron <i>Microstomus_pacificus</i>	F	66	2750	36.3		
Flatfishes--Pleuron <i>Microstomus_pacificus</i>	M	52	1278	32		
Flatfishes--Pleuron <i>Microstomus_pacificus</i>	F	52.6	1402	33.2	53	
Flatfishes--Pleuron <i>Microstomus_pacificus</i>	M				58	
Flatfishes--Pleuron <i>Microstomus_pacificus</i>	P	76	4600		60	
Flatfishes--Pleuron <i>Parophrys_vetulus</i>	F	55	2096	33	20	5

Flatfishes--Pleuron	<i>Parophrys_vetulus</i>	M	48	1391	28	22	3.5
Flatfishes--Pleuron	<i>Parophrys_vetulus</i>	F	49	1480		15	
Flatfishes--Pleuron	<i>Parophrys_vetulus</i>	M	38	688		16	
Flatfishes--Pleuron	<i>Parophrys_vetulus</i>	F	51	1382	31	12	4
Flatfishes--Pleuron	<i>Parophrys_vetulus</i>	M	44	728	22	9	3
Flatfishes--Pleuron	<i>Parophrys_vetulus</i>	F	42	930		16	
Flatfishes--Pleuron	<i>Parophrys_vetulus</i>	M				17	
Flatfishes--Pleuron	<i>Parophrys_vetulus</i>	F	35	537	23.3	10	
Flatfishes--Pleuron	<i>Parophrys_vetulus</i>	F	47	992		10	
Flatfishes--Pleuron	<i>Parophrys_vetulus</i>	M	33	311		10	
Flatfishes--Pleuron	<i>Parophrys_vetulus</i>	p	61	2300		23	
Flatfishes--Pleuron	<i>Platichthys_stellatus</i>	F	62.4	3286	35	8	3
Flatfishes--Pleuron	<i>Platichthys_stellatus</i>	M	51.6	1800	28	5	2
Flatfishes--Pleuron	<i>Platichthys_stellatus</i>	P	91	5100		8	
Flatfishes--Pleuron	<i>Pleuronectes_glacialis</i>	F					
Flatfishes--Pleuron	<i>Pleuronectes_glacialis</i>	P	44	3300	16.5	28	6
Flatfishes--Pleuron	<i>Pleuronectes_quadrituberculatus</i>	F	55	2700	31	31	6.7
Flatfishes--Pleuron	<i>Pleuronectes_quadrituberculatus</i>	M	42	550	28	31	6.5
Flatfishes--Pleuron	<i>Pleuronectes_quadrituberculatus</i>	P	62	3500		37	
Flatfishes--Pleuron	<i>Pleuronichthys_coenosus</i>	P	36	793			
Flatfishes--Pleuron	<i>Pleuronichthys_decurrans</i>	P	44	1626		10	
Flatfishes--Pleuron	<i>Pleuronichthys_ritteri</i>	P	33	454	16.5		
Flatfishes--Pleuron	<i>Pleuronichthys_verticalis</i>	F	34.2	374	18.6		
Flatfishes--Pleuron	<i>Pleuronichthys_verticalis</i>	M	28.3	191	11.4		
Flatfishes--Pleuron	<i>Pleuronichthys_verticalis</i>	P	36.8	835			
Flatfishes--Pleuron	<i>Psettichthys_melanostictus</i>	F				10	
Flatfishes--Pleuron	<i>Psettichthys_melanostictus</i>	M					
Flatfishes--Pleuron	<i>Psettichthys_melanostictus</i>	F	44.5	1900		8	1.2
Flatfishes--Pleuron	<i>Psettichthys_melanostictus</i>	M	37.6	1400		6	0.8
Flatfishes--Pleuron	<i>Psettichthys_melanostictus</i>	P	63	2200		10	
Flatfishes--Pleuron	<i>Reinhardtius_hippoglossoides</i>	F	80	5030			
Flatfishes--Pleuron	<i>Reinhardtius_hippoglossoides</i>	P	130	44500	67.5	36	8.5
Gadidae	<i>Boreogadus_saida</i>	F			12.7	8	3
Gadidae	<i>Boreogadus_saida</i>	M			10.6	7	2
Gadidae	<i>Boreogadus_saida</i>	P	28.1	141		7	
Gadidae	<i>Boreogadus_saida</i>	P	22.9	114		8	
Gadidae	<i>Boreogadus_saida</i>	P	40	403		8	
Gadidae	<i>Eleginus_gracilis</i>	P	36.3	377		8	
Gadidae	<i>Eleginus_gracilis</i>	P	28.7	171		6	
Gadidae	<i>Eleginus_gracilis</i>	F					
Gadidae	<i>Eleginus_gracilis</i>	P	60	1593	28.1	12	3
Gadidae	<i>Gadus_chalcogrammus</i>	F	70		39.7		4
Gadidae	<i>Gadus_chalcogrammus</i>	M			32.9		3
Gadidae	<i>Gadus_chalcogrammus</i>	F	65	1500	45.7	15	4.8
Gadidae	<i>Gadus_chalcogrammus</i>	P	91	5200		15	4.8
Gadidae	<i>Gadus_macrocephalus</i>	F					
Gadidae	<i>Gadus_macrocephalus</i>	P	97	9566	50	18	5.0

Gadidae	<i>Gadus_macrocephalus</i>	F					
Gadidae	<i>Gadus_macrocephalus</i>	P	105	12095	58	18	5.8
Gadidae	<i>Gadus_macrocephalus</i>	F					
Gadidae	<i>Gadus_macrocephalus</i>	P	83	6030	54	18	4.3
Gadidae	<i>Gadus_macrocephalus</i>	F					
Gadidae	<i>Gadus_macrocephalus</i>	P	89	7414	48	18	2.4
Gadidae	<i>Gadus_macrocephalus</i>	P	120	20200	60	17	5.0
Gadidae	<i>Microgadus_proximus</i>	P	37	344			
Gasterosteidae	<i>Gasterosteus_aculeatus</i>	F	10.0	20			
Gasterosteidae	<i>Gasterosteus_aculeatus</i>	M	9.0	14			
Gasterosteidae	<i>Gasterosteus_aculeatus</i>	F	9.5	17		3.5	2
Gasterosteidae	<i>Gasterosteus_aculeatus</i>	P			5.3		0.53
Gasterosteidae	<i>Gasterosteus_aculeatus</i>	F					
Gasterosteidae	<i>Gasterosteus_aculeatus</i>	P	5.3	2		2	
Gasterosteidae	<i>Gasterosteus_aculeatus</i>	P	10.2	22	5.3		1
Gempylidae	<i>Gempylus_serpens</i>	P	106.7				
Gempylidae	<i>Lepidocybium_flavobrunneum</i>	P	220	68400		14	
Gempylidae	<i>Ruvettus_pretiosus</i>	F			50		
Gempylidae	<i>Ruvettus_pretiosus</i>	M			43		
Gempylidae	<i>Ruvettus_pretiosus</i>	P	305	63500		8.1	
Gerreidae	<i>Eucinostomus_currani</i>	P	21.1	146	14.2	3.2	1.25
Gerreidae	<i>Eucinostomus_dowii</i>	P	20	175			
Gobiesocidae	<i>Gobiesox_maeandricus</i>	P	16		7		
Gobiesocidae	<i>Gobiesox_papillifer</i>	P	8.1				
Gobiesocidae	<i>Gobiesox_rhessodon</i>	P	6.4				
Gobiesocidae	<i>Rimicola_eigenmanni</i>	P	5.8				
Gobiesocidae	<i>Rimicola_muscarum</i>	P	7			1	
Gobiidae	<i>Acanthogobius_flavimanus</i>	F					2
Gobiidae	<i>Acanthogobius_flavimanus</i>	M					1
Gobiidae	<i>Acanthogobius_flavimanus</i>	P	25	116		3	
Gobiidae	<i>Clevelandia_ios</i>	F	5.2	0.8	3.8	3	
Gobiidae	<i>Clevelandia_ios</i>	F	4.3	0.5	3.5	1	
Gobiidae	<i>Clevelandia_ios</i>	P	5.7	1.0	3.5	1	1.5
Gobiidae	<i>Ctenogobius_sagittula</i>	P	20.3	18			
Gobiidae	<i>Eucyclogobius_newberryi</i>	F					
Gobiidae	<i>Eucyclogobius_newberryi</i>	F			3.3		
Gobiidae	<i>Eucyclogobius_newberryi</i>	F					
Gobiidae	<i>Eucyclogobius_newberryi</i>	M			3.0		
Gobiidae	<i>Eucyclogobius_newberryi</i>	P	5.7	1.0		1.5	0.9
Gobiidae	<i>Gillichthys_mirabilis</i>	P	21	290	8.5	2	0.5
Gobiidae	<i>Ilypnus_gilberti</i>	F					
Gobiidae	<i>Ilypnus_gilberti</i>	P	6.4	0.7		5	2.5
Gobiidae	<i>Lepidogobius_lepidus</i>	P	15.5	25		7	
Gobiidae	<i>Lethops_connectens</i>	P	6.4				
Gobiidae	<i>Lythrypnus_dalli</i>	F					
Gobiidae	<i>Lythrypnus_dalli</i>	P	6.4	2.5	2.1	1.5	0.8
Gobiidae	<i>Lythrypnus_zebra</i>	F					

Gobiidae	<i>Lythrypnus_zebra</i>	P	5.7	1.8	2.0	1.9	0.8
Gobiidae	<i>Rhinogobiops_nicholsii</i>	F					
Gobiidae	<i>Rhinogobiops_nicholsii</i>	P	15	37	5.4	5	0.21
Gobiidae	<i>Quietula_y-cauda</i>	F					
Gobiidae	<i>Quietula_y-cauda</i>	P	7	1	3.25	5	2
Gobiidae	<i>Tridentiger_trigonocephalus</i>	P	12.5				
Gobiidae	<i>Typhlogobius_californiensis</i>	F					
Gobiidae	<i>Typhlogobius_californiensis</i>	P	8.3				1
Gonostomatidae	<i>Cyclothone_acclinidens</i>	P	7.1	0.7		3	
Gymnuridae	<i>Gymnura_marmorata</i>	F	86	6737	52		
Gymnuridae	<i>Gymnura_marmorata</i>	M	56	701	32		
Gymnuridae	<i>Gymnura_marmorata</i>	P	86	6737			
Haemulidae	<i>Anisotremus_davidsonii</i>	P	60	4129	21.5	27.5	2.5
Haemulidae	<i>Anisotremus_interruptus</i>	F	61	8785	31		
Haemulidae	<i>Anisotremus_interruptus</i>	M	56.2	6894	29.7		
Haemulidae	<i>Anisotremus_interruptus</i>	P	61	8785		9	
Haemulidae	<i>Haemulon_californiensis</i>	F	23.2	171		14	
Haemulidae	<i>Haemulon_californiensis</i>	M	21.2	129		12	
Haemulidae	<i>Haemulon_californiensis</i>	P	30.3	392	11.5	14	
Hemiramphidae	<i>Hyporhamphus_rosae</i>	P	20				
Sculpins--Hemitrip	<i>Blepsias_bilobus</i>	P	26.9				
Sculpins--Hemitrip	<i>Blepsias_cirrhosus</i>	F	16.4	49		5	
Sculpins--Hemitrip	<i>Blepsias_cirrhosus</i>	P	19	60		6	
Sculpins--Hemitrip	<i>Blepsias_cirrhosus</i>	P	20	86			
Sculpins--Hemitrip	<i>Hemitripteris_bolini</i>	F					
Sculpins--Hemitrip	<i>Hemitripteris_bolini</i>	P	78	12400		23	
Sculpins--Hemitrip	<i>Nautichthys_oculofasciatus</i>	P	20.3	205		2	
Sculpins--Hemitrip	<i>Nautichthys_robustus</i>	P	8.1				
Hexagrammidae	<i>Hexagrammos_decagrammus</i>	P				18	
Hexagrammidae	<i>Hexagrammos_decagrammus</i>	F	47	1356		12	
Hexagrammidae	<i>Hexagrammos_decagrammus</i>	M	41.8	1040		14	
Hexagrammidae	<i>Hexagrammos_decagrammus</i>	P	47	1356		14	
Hexagrammidae	<i>Hexagrammos_decagrammus</i>	F	49.7	1534	29.8	15	2
Hexagrammidae	<i>Hexagrammos_decagrammus</i>	M	49.7	1400		17	
Hexagrammidae	<i>Hexagrammos_decagrammus</i>	P	49.7	1534		17	
Hexagrammidae	<i>Hexagrammos_decagrammus</i>	F	40.5	941	35.7	9	
Hexagrammidae	<i>Hexagrammos_decagrammus</i>	M	38	914	35.7	8	
Hexagrammidae	<i>Hexagrammos_decagrammus</i>	P	62.9	2100	30	25	3
Hexagrammidae	<i>Hexagrammos_lagocephalus</i>	F	41	1295		11	
Hexagrammidae	<i>Hexagrammos_lagocephalus</i>	M				8	
Hexagrammidae	<i>Hexagrammos_lagocephalus</i>	P	61	2100			
Hexagrammidae	<i>Hexagrammos_octogrammus</i>	F	31.8	470	16.5	6	3
Hexagrammidae	<i>Hexagrammos_octogrammus</i>	M	25.8	220	15.5	6	2
Hexagrammidae	<i>Hexagrammos_octogrammus</i>	P	31.8	443		6	
Hexagrammidae	<i>Hexagrammos_stelleri</i>	F	26.0	230	18.5	5	3
Hexagrammidae	<i>Hexagrammos_stelleri</i>	M	23.0	205	17.5	5	3
Hexagrammidae	<i>Hexagrammos_stelleri</i>	P	31.8	470			

Hexagrammidae	<i>Hexagrammos_stelleri</i>	F	29.7	341		5	1.5
Hexagrammidae	<i>Hexagrammos_stelleri</i>	M	32.1	353		5	1.9
Hexagrammidae	<i>Hexagrammos_stelleri</i>	P	48	1600	17.5	5	2
Hexagrammidae	<i>Ophiodon_elongatus</i>	P	127	22122	53.1	17	2.9
Hexagrammidae	<i>Ophiodon_elongatus</i>	P	108	13627	43.2	17	1.5
Hexagrammidae	<i>Ophiodon_elongatus</i>	P	112	15192	48.2	17	2.5
Hexagrammidae	<i>Ophiodon_elongatus</i>	P	111	14790	48.8	15	2.5
Hexagrammidae	<i>Ophiodon_elongatus</i>	P	93.5	8855	47.6	12	2.1
Hexagrammidae	<i>Ophiodon_elongatus</i>	P	96.9	9853	41.6	14	2.5
Hexagrammidae	<i>Ophiodon_elongatus</i>	P	97	9883		12	
Hexagrammidae	<i>Ophiodon_elongatus</i>	F	115	16442	50.1	16	2.6
Hexagrammidae	<i>Ophiodon_elongatus</i>	M	96	9582	41.6	17	2.2
Hexagrammidae	<i>Ophiodon_elongatus</i>	P	152	37500	47.1	25	2.3
Hexagrammidae	<i>Pleurogrammus_monopterygius</i>	P	46.8	1155	35.8	10	3.6
Hexagrammidae	<i>Pleurogrammus_monopterygius</i>	P	44.7	1110	34.9	10	3.47
Hexagrammidae	<i>Pleurogrammus_monopterygius</i>	P	51.1	1330	37.1	10	3.47
Hexagrammidae	<i>Pleurogrammus_monopterygius</i>	P	52.1	1900	40.7	7	3.6
Hexagrammidae	<i>Pleurogrammus_monopterygius</i>	F					
Hexagrammidae	<i>Pleurogrammus_monopterygius</i>	P	57.4	2100		15	3.6
Hexanchidae	<i>Hexanchus_griseus</i>	F	460	590000	450		
Hexanchidae	<i>Hexanchus_griseus</i>	M	335.3	180000	325		
Hexanchidae	<i>Hexanchus_griseus</i>	P	488	600000		49	
Hexanchidae	<i>Notorhynchus_cepedianus</i>	M	256	90000	196		
Hexanchidae	<i>Notorhynchus_cepedianus</i>	F	291	182000	250		16
Hexanchidae	<i>Notorhynchus_cepedianus</i>	M	242	80000	150		4.5
Hexanchidae	<i>Notorhynchus_cepedianus</i>	P	304.8	200000		32	
Heterodontidae	<i>Heterodontus_francisci</i>	P	96	7694	60.5		
Heterodontidae	<i>Heterodontus_francisci</i>	P	96	7694	48.5		
Heterodontidae	<i>Heterodontus_francisci</i>	P	96	10000			
Icosteidae	<i>Icosteus_aenigmaticus</i>	F					
Icosteidae	<i>Icosteus_aenigmaticus</i>	P	213				
Istiophoridae	<i>Istiophorus_platypterus</i>	P	360	69600	150	12	5
Istiophoridae	<i>Istiompax(Makaira)_indica</i>	F					
Istiophoridae	<i>Istiompax(Makaira)_indica</i>	M					
Istiophoridae	<i>Istiompax(Makaira)_indica</i>	P	490	750000	195	11	5.4
Istiophoridae	<i>Makaira_nigricans</i>	F	500		194		4
Istiophoridae	<i>Makaira_nigricans</i>	M	500		130		3
Istiophoridae	<i>Makaira_nigricans</i>	P	498	565000		20	
Istiophoridae	<i>Kajikia(Tetrapturus)_angustirostris</i>	F					
Istiophoridae	<i>Kajikia(Tetrapturus)_angustirostris</i>	M	230	53000			
Istiophoridae	<i>Kajikia(Tetrapturus)_angustirostris</i>	P	243	52000	162	5	
Istiophoridae	<i>Kajikia(Tetrapterus)_audax</i>	F			227		2
Istiophoridae	<i>Kajikia(Tetrapturus)_audax</i>	M			188		
Istiophoridae	<i>Kajikia(Tetrapturus)_audax</i>	P	420	440000			
Istiophoridae	<i>Kajikia(Tetrapturus)_audax</i>	P	304	227000	190	11	
Labridae	<i>Halichoeres_semicinctus</i>	F			14	4	2.5
Labridae	<i>Halichoeres_semicinctus</i>	M			13	4	2

Labridae	<i>Halichoeres_semicinctus</i>	P	38	639	14	14	2.5
Labridae	<i>Oxyjulis_californica</i>	F	19.1	174		9	2.5
Labridae	<i>Oxyjulis_californica</i>	M	21.5	257		10	3
Labridae	<i>Oxyjulis_californica</i>	P	21.5	257			
Labridae	<i>Oxyjulis_californica</i>	F	20	151		12	2.5
Labridae	<i>Oxyjulis_californica</i>	M	20.1	153		8	2
Labridae	<i>Oxyjulis_californica</i>	P	20	151	13		
Labridae	<i>Oxyjulis_californica</i>	P	25.4	178	8	7	1
Labridae	<i>Semicossyphus_pulcher</i>	F	36	795	24.3		4
Labridae	<i>Semicossyphus_pulcher</i>	M	33	617	29.3		6.1
Labridae	<i>Semicossyphus_pulcher</i>	P	38.4	959		10	
Labridae	<i>Semicossyphus_pulcher</i>	F	32	564	24.2		3.9
Labridae	<i>Semicossyphus_pulcher</i>	M	39		36.3		6.7
Labridae	<i>Semicossyphus_pulcher</i>	P	43.2	1350		8	
Labridae	<i>Semicossyphus_pulcher</i>	F	32	564	25.5		4.5
Labridae	<i>Semicossyphus_pulcher</i>	M	41	1160	32.2		7.5
Labridae	<i>Semicossyphus_pulcher</i>	P	49.2	1971		22	
Labridae	<i>Semicossyphus_pulcher</i>	F	32	564	19.2		4
Labridae	<i>Semicossyphus_pulcher</i>	M	35	732	28.8		7.1
Labridae	<i>Semicossyphus_pulcher</i>	P	40.8	1143		11	
Labridae	<i>Semicossyphus_pulcher</i>	P	91.4	18400		54	
Labrisomidae	<i>Alloclinus_holderi</i>	F	9				
Labrisomidae	<i>Alloclinus_holderi</i>	P	11.5	16	7		
Labrisomidae	<i>Cryptotrema_corallinum</i>	P	12.7				
Labrisomidae	<i>Exerpes_asper</i>	P	6.5	2			
Lamnidae	<i>Carcharodon_carcharias</i>	F	508	25568000	475		14.5
Lamnidae	<i>Carcharodon_carcharias</i>	M	450	17452000	375		8
Lamnidae	<i>Carcharodon_carcharias</i>	P	570	36748000		45	
Lamnidae	<i>Isurus_oxyrinchus</i>	M	288	214160		14	6
Lamnidae	<i>Isurus_oxyrinchus</i>	P	321	296760		17	
Lamnidae	<i>Isurus_oxyrinchus</i>	F	290	216710	270	18	15
Lamnidae	<i>Isurus_oxyrinchus</i>	M	242	122810	180	9	7
Lamnidae	<i>Isurus_oxyrinchus</i>	P				18	
Lamnidae	<i>Isurus_oxyrinchus</i>	P	351	391080			
Lamnidae	<i>Lamna_ditropis</i>	F	261	218800	200	20	7.5
Lamnidae	<i>Lamna_ditropis</i>	M	230	155160	154	17	4.5
Lamnidae	<i>Lamna_ditropis</i>	P	310	220000	177	25	6
Lamprididae	<i>Lampris_incognitus</i>	P	183	74100	100		
Liparidae	<i>Careproctus_furcellus</i>	P	54.1	2038		11.5	
Liparidae	<i>Careproctus_melanurus</i>	P	54	1700			
Liparidae	<i>Liparis_callyodon</i>	P	12.7				
Liparidae	<i>Liparis_cyclopus</i>	P	11.4				
Liparidae	<i>Liparis_dennyi</i>	P	30.5				
Liparidae	<i>Liparis_florae</i>	P	18.3		3		
Liparidae	<i>Liparis_fucensis</i>	F					
Liparidae	<i>Liparis_fucensis</i>	M			7.8		

Liparidae	<i>Liparis_fucensis</i>	P	17.8				
Liparidae	<i>Liparis_mucosus</i>	P	12.7				
Liparidae	<i>Liparis_pulchellus</i>	F	18.7	91			
Liparidae	<i>Liparis_pulchellus</i>	M	17.2	85			
Liparidae	<i>Liparis_pulchellus</i>	P	25.4	248	8	5	
Liparidae	<i>Liparis_rutteri</i>	P	7.1				
Liparidae	<i>Lipariscus_nanus</i>	P	7.1				
Liparidae	<i>Paraliparis_pelagicus</i>	P	6.4				
Liparidae	<i>Polypera_greeni</i>	P	30.7				
Lobotidae	<i>Lobotes_pacificus</i>	P	109.7	19000			
Lutjanidae	<i>Lutjanus_argentiventris</i>	F	66	4685	32.4		3.5
Lutjanidae	<i>Lutjanus_argentiventris</i>	M	59	2850	32.6		
Lutjanidae	<i>Lutjanus_argentiventris</i>	P	71	11400	32.6	18.5	
Lutjanidae	<i>Lutjanus_argentiventris</i>	P	71		34.3		
Lutjanidae	<i>Lutjanus_novemfasciatus</i>	P	170	35700			
Lutjanidae	<i>Lutjanus_peru</i>	F	88	8088		26	
Lutjanidae	<i>Lutjanus_peru</i>	P	99.2	7900		34	
Lutjanidae	<i>Lutjanus_peru</i>	F	71.5		31		
Luvaridae	<i>Luvarus_imperialis</i>	P	200.7	139000			
Macrouridae	<i>Albatrossia_pectoralis</i>	F	160	21417	81.8	58	22.9
Macrouridae	<i>Albatrossia_pectoralis</i>	M	110	5790			
Macrouridae	<i>Albatrossia_pectoralis</i>	P	220	41800		58	
Macrouridae	<i>Coryphaenoides_acrolepis</i>	F	70	1673	55	63	30
Macrouridae	<i>Coryphaenoides_acrolepis</i>	M	67	1505	50	73	20
Macrouridae	<i>Coryphaenoides_acrolepis</i>	P	122	4000		56	
Macrouridae	<i>Coryphaenoides_armatus</i>	P	102	5685			
Macrouridae	<i>Nezumia_stelgidolepis</i>	P	50	673			
Malacanthidae	<i>Caulolatilus_princeps</i>	F	70	4400	43	9	3.5
Malacanthidae	<i>Caulolatilus_princeps</i>	M	68.9	4190	51.5	9	4.5
Malacanthidae	<i>Caulolatilus_princeps</i>	P	102	6300			
Malacanthidae	<i>Caulolatilus_princeps</i>	F					
Malacanthidae	<i>Caulolatilus_princeps</i>	M					
Malacanthidae	<i>Caulolatilus_princeps</i>	P	57.4	2660		21	
Melamphaidae	<i>Poromitra_crassiceps</i>	P	18.8	132	14	9	7.5
Melamphaidae	<i>Scopelogadus_mizolepis</i>	P	11.1				
Merlucciidae	<i>Merluccius_productus</i>	P	91	3900	38	20	3
Molidae	<i>Mola_mola</i>	P	2713	2250000		20	
Moridae	<i>Antimora_microlepis</i>	P	73.3	27200		20	
Moronidae	<i>Morone_saxatilis</i>	F	118	20932	48.3	25	5
Moronidae	<i>Morone_saxatilis</i>	M	91	9838	26.8	15	2
Moronidae	<i>Morone_saxatilis</i>	P	122	35500		25	
Mugilidae	<i>Mugil_cephalus</i>	P	135	4700			
Mugilidae	<i>Mugil_curema</i>	P	91	8566			
Mullidae	<i>Pseudupeneus_grandisquamis</i>	P	23	180	13		
Mullidae	<i>Pseudupeneus_grandisquamis</i>	F	23.6	197	18.3		
Mullidae	<i>Pseudupeneus_grandisquamis</i>	M	22.2	159	18.1		
Mullidae	<i>Pseudupeneus_grandisquamis</i>	P	30.5	478			

Muraenidae	<i>Gymnothorax_mordax</i>	P	152	8430		36	
Myctophidae	<i>Diaphus_theta</i>	P	11.7			8	
Myctophidae	<i>Lampanyctus_ritteri</i>	P	14.4	36	9.2	5.5	2.5
Myctophidae	<i>Stenobranchius_leucopsarus</i>	P	10.1	3		6.5	
Myctophidae	<i>Stenobranchius_leucopsarus</i>	P	8.3	2		8	
Myctophidae	<i>Stenobranchius_leucopsarus</i>	P	12.5	11	7.1	8	2.5
Myctophidae	<i>Tarletonbeania_crenularis</i>	P	12.7			1.4	
Myctophidae	<i>Triphoturus_mexicanus</i>	P	12.7	4	5.2	5	2.5
Myliobatidae	<i>Myliobatis_californica</i>	F	223	239000	140	23	5
Myliobatidae	<i>Myliobatis_californica</i>	M	127	42000	99	6	2.5
Myliobatidae	<i>Myliobatis_californica</i>	P	291	544000		23	
Myxinidae	<i>Eptatretus_deani</i>	F	52	247	38		
Myxinidae	<i>Eptatretus_deani</i>	M	44	148	34		
Myxinidae	<i>Eptatretus_deani</i>	F	54	240	44.1		
Myxinidae	<i>Eptatretus_deani</i>	M	46	165	35.4		
Myxinidae	<i>Eptatretus_deani</i>	P	63.5	450			
Myxinidae	<i>Eptatretus_stoutii</i>	F	67	398	42		
Myxinidae	<i>Eptatretus_stoutii</i>	M	61	328	35		
Myxinidae	<i>Eptatretus_stoutii</i>	P	67	398			
Myxinidae	<i>Eptatretus_stoutii</i>	F	50.8	170	37.6		9.5
Myxinidae	<i>Eptatretus_stoutii</i>	M	51.1	175	37.1		
Myxinidae	<i>Eptatretus_stoutii</i>	F			33.5		
Myxinidae	<i>Eptatretus_stoutii</i>	M			29.5		
Myxinidae	<i>Eptatretus_stoutii</i>	P	82	936			
Nematistiidae	<i>Nematistius_pectoralis</i>	P	192	51700		4	
Nemichthyidae	<i>Nemichthys_scolopaceus</i>	P	145				
Nettastomatidae	<i>Facciolella_equitorialis</i>	P	90			6	3.5
Ophichthidae	<i>Ophichthus_triserialis</i>	P	121.9	373			
Ophichthidae	<i>Ophichthus_zophochir</i>	P	98				
Ophidiidae	<i>Chilara_taylori</i>	P	39.6				
Ophidiidae	<i>Ophidion_scrippsae</i>	P	28	83			
Osmeridae	<i>Allosmerus_elongatus</i>	P	22.9	85			
Osmeridae	<i>Hypomesus_pretiosus</i>	F					
Osmeridae	<i>Hypomesus_pretiosus</i>	P	30.5	224		5	1
Osmeridae	<i>Hypomesus_transpacificus</i>	P	13	12	6.5	2	1
Osmeridae	<i>Mallotus_villosus</i>	P	25.2	52	13.5	10	2
Osmeridae	<i>Osmerus_dentex</i>	P	37	224	22.8	15	6.5
Osmeridae	<i>Spirinchus_starksii</i>	P	23	81		3	
Osmeridae	<i>Spirinchus_thaleichthys</i>	F					
Osmeridae	<i>Spirinchus_thaleichthys</i>	P	20	79	9	3	3
Osmeridae	<i>Thaleichthys_pacificus</i>	P	25.5	98		4	3
Osmeridae	<i>Thaleichthys_pacificus</i>	P	22.2	63		5	3
Osmeridae	<i>Thaleichthys_pacificus</i>	P	23.4	76		3	2
Osmeridae	<i>Thaleichthys_pacificus</i>	P	25.4	138	16	16	3
Pentacerotidae	<i>Pentaceros_wheeleri</i>	F	40	1680	30	3	2.5
Pentacerotidae	<i>Pentaceros_wheeleri</i>	M	39	1568	26	3	2.5
Pentacerotidae	<i>Pentaceros_wheeleri</i>	P	53	2400		10	

Petromyzontidae	<i>Entosphenus_tridentatus</i>	F			56.2		10.5
Petromyzontidae	<i>Entosphenus_tridentatus</i>	F			60.2		
Petromyzontidae	<i>Entosphenus_tridentatus</i>	P	85	500			
Petromyzontidae	<i>Lampetra_ayresii</i>	F					
Petromyzontidae	<i>Lampetra_ayresii</i>	P	31.1				
Pholidae	<i>Apodichthys_flavidus</i>	P	46	455			
Pholidae	<i>Pholis_clemensi</i>	P	13.4				
Pholidae	<i>Pholis_laeta</i>	F	18.6	23			
Pholidae	<i>Pholis_laeta</i>	P	25.4	64			
Pholidae	<i>Pholis_ornata</i>	P	30.5				
Pholidae	<i>Pholis_schultzi</i>	P	12.7				
Pholidae	<i>Apodichthys_fucorum</i>	P	22.9				
Pholidae	<i>Apodichthys_sanctaerosae</i>	P	28.6				
Platyrrhinidae	<i>Platyrrhinoidis_triseriata</i>	F			48		
Platyrrhinidae	<i>Platyrrhinoidis_triseriata</i>	M			37		
Platyrrhinidae	<i>Platyrrhinoidis_triseriata</i>	P	91	4522			
Polyprionidae	<i>Stereolepis_gigas</i>	P	226	256100	100	76	14
Pomacanthidae	<i>Pomacanthus_zonipectus</i>	F	29	797	21.8		
Pomacanthidae	<i>Pomacanthus_zonipectus</i>	P	50			20	6.1
Pomacentridae	<i>Chromis_punctipinnis</i>	F	28	450		10	3
Pomacentridae	<i>Chromis_punctipinnis</i>	M	26.1	310		10	3
Pomacentridae	<i>Chromis_punctipinnis</i>	P			13.5		
Pomacentridae	<i>Chromis_punctipinnis</i>	F	21.1	160		7	2.5
Pomacentridae	<i>Chromis_punctipinnis</i>	M	21.1	160		8	2
Pomacentridae	<i>Chromis_punctipinnis</i>	P			10.5		
Pomacentridae	<i>Chromis_punctipinnis</i>	P	30.5	556	14	8	2
Pomacentridae	<i>Hypsypops_rubicundus</i>	F	29	903	22	57	5.5
Pomacentridae	<i>Hypsypops_rubicundus</i>	M	31	878	22	56	5.5
Pomacentridae	<i>Hypsypops_rubicundus</i>	P	35.6			18	5
Priacanthidae	<i>Pristigenys_serrula</i>	P	33	992			
Sculpins--Psychrol	<i>Dasycottus_setiger</i>	P	73	1600		11	
Sculpins--Psychrol	<i>Malacocottus_kincaidi</i>	P	10.7				
Sculpins--Psychrol	<i>Malacocottus_zonurus</i>	P	39	1200		11	
Sculpins--Psychrol	<i>Psychrolutes_paradoxus</i>	P	7				
Sculpins--Psychrol	<i>Psychrolutes_phrictus</i>	P	70	9500			
Sculpins--Psychrol	<i>Psychrolutes_sigalutes</i>	P	8.3				
Ptilichthyidae	<i>Ptilichthys_goodei</i>	P	39		27		
Rajidae	<i>Bathyraja_abyssicola</i>	F	157	20080	145		
Rajidae	<i>Bathyraja_abyssicola</i>	M	135	12600	110		
Rajidae	<i>Bathyraja_abyssicola</i>	P	157	20000	145		
Rajidae	<i>Bathyraja_aleutica</i>	F	154	23804	133		
Rajidae	<i>Bathyraja_aleutica</i>	M	150	21785	121		
Rajidae	<i>Bathyraja_aleutica</i>	F	153.4	19549	124.1	17	10.4
Rajidae	<i>Bathyraja_aleutica</i>	M	149.9	18216	122.8	16	10.2
Rajidae	<i>Bathyraja_aleutica</i>	P	153.4	19550			10.4
Rajidae	<i>Bathyraja_aleutica</i>	F	153.6	19627	125.7	19	13.7
Rajidae	<i>Bathyraja_aleutica</i>	M	140.1	14811	122.7	18	13.6

Rajidae	<i>Bathyraja_aleutica</i>	P	153.6	19630		13.7	
Rajidae	<i>Bathyraja_aleutica</i>	P	150	23100		17	
Rajidae	<i>Bathyraja_interrupta</i>	F	82	3200	70	19	
Rajidae	<i>Bathyraja_interrupta</i>	M	83	3300	69.4	19	
Rajidae	<i>Bathyraja_interrupta</i>	F	87	4160	72		
Rajidae	<i>Bathyraja_interrupta</i>	M	89	3000	70		
Rajidae	<i>Bathyraja_interrupta</i>	P	89	4160		19	
Rajidae	<i>Bathyraja_interrupta</i>	F	88	4000	71		
Rajidae	<i>Bathyraja_interrupta</i>	M	84	2700	69		
Rajidae	<i>Bathyraja_interrupta</i>	P	88	4000		21	
Rajidae	<i>Bathyraja_interrupta</i>	F					
Rajidae	<i>Bathyraja_interrupta</i>	P	87	3800		20	
Rajidae	<i>Bathyraja_interrupta</i>	F	61	1300	46.7	17	7.1
Rajidae	<i>Bathyraja_interrupta</i>	M	63.5	1500	49.2	18	7.5
Rajidae	<i>Bathyraja_interrupta</i>	P	66	1400		18	7.3
Rajidae	<i>Bathyraja_lindbergi</i>	F	102	6363	79	35	21.1
Rajidae	<i>Bathyraja_lindbergi</i>	M	97	5390	80	27	21.9
Rajidae	<i>Bathyraja_lindbergi</i>	P	106.7	7308		32	
Rajidae	<i>Bathyraja_maculata</i>	F	115	10400	96	32	23
Rajidae	<i>Bathyraja_maculata</i>	M	115	10400	93	32	21
Rajidae	<i>Bathyraja_maculata</i>	P	147	23100		36	
Rajidae	<i>Bathyraja_minispinosa</i>	F	89.5	3800	67.4	37	23.5
Rajidae	<i>Bathyraja_minispinosa</i>	M	83.7	3100	70.1	35	23.1
Rajidae	<i>Bathyraja_minispinosa</i>	P	83			37	
Rajidae	<i>Bathyraja_parmifera</i>	F	120	13000	93	17	10
Rajidae	<i>Bathyraja_parmifera</i>	M	118	12300	92	15	9
Rajidae	<i>Bathyraja_parmifera</i>	P	135	18800	93	17	10
Rajidae	<i>Bathyraja_taranetzi</i>	F	77	2700	63		10
Rajidae	<i>Bathyraja_taranetzi</i>	M	67	1700	58		9
Rajidae	<i>Bathyraja_taranetzi</i>	P	77	2700		14	10
Rajidae	<i>Bathyraja_trachura</i>	F	94.2	3700	79.6	36	25
Rajidae	<i>Bathyraja_trachura</i>	M	91.8	3500	74.1	35	21
Rajidae	<i>Bathyraja_trachura</i>	P				36	
Rajidae	<i>Bathyraja_trachura</i>	F	86.5	2900	74	17	14
Rajidae	<i>Bathyraja_trachura</i>	M	91	3400	76	20	13
Rajidae	<i>Bathyraja_trachura</i>	P	106.4	5300		20	
Rajidae	<i>Beringraja_binocolata</i>	F	178	40630	148.6	14	10
Rajidae	<i>Beringraja_binocolata</i>	M	141	20230	119.2	15	7
Rajidae	<i>Beringraja_binocolata</i>	P				15	
Rajidae	<i>Beringraja_binocolata</i>	F	203.9	61000	90	26	8
Rajidae	<i>Beringraja_binocolata</i>	M	183.6	44580	72	25	6
Rajidae	<i>Beringraja_binocolata</i>	P				26	
Rajidae	<i>Beringraja_binocolata</i>	F	160.7	29920	130	12	11
Rajidae	<i>Beringraja_binocolata</i>	M	132.1	16600	105	11	8
Rajidae	<i>Beringraja_binocolata</i>	P					
Rajidae	<i>Beringraja_binocolata</i>	P	233	91000	110	30	9
Rajidae	<i>Beringraja_rhina</i>	F	140	13000	113.1	24	12.3

Rajidae	<i>Beringraja_rhina</i>	M	129	12000	102.9	25	8.8
Rajidae	<i>Beringraja_rhina</i>	P				25	
Rajidae	<i>Beringraja_rhina</i>	F	124.6	10500	83	26	10
Rajidae	<i>Beringraja_rhina</i>	M	122	10000	65	23	7
Rajidae	<i>Beringraja_rhina</i>	P				26	
Rajidae	<i>Beringraja_rhina</i>	F	106.8	9500	85	12	9
Rajidae	<i>Beringraja_rhina</i>	M	132.2	12500	68	13	6
Rajidae	<i>Beringraja_rhina</i>	P					
Rajidae	<i>Beringraja_rhina</i>	P	189	20000	60	30	14
Rajidae	<i>Raja_inornata</i>	P	75	3798		13	
Rajidae	<i>Raja_stellulata</i>	F	73.9	3176	63.2	11	11.2
Rajidae	<i>Raja_stellulata</i>	M	71.3	2834	60.3	10	11.5
Rajidae	<i>Raja_stellulata</i>	P	76.2	3531		11	
Regalecidae	<i>Regalecus_russelii</i>	F			335		
Regalecidae	<i>Regalecus_russelii</i>	P	1066.8				
Sculpins--Rhamphocottidae	<i>Rhamphocottus_richardsonii</i>	P	9.3				
Rhincodontidae	<i>Rhincodon_typus</i>	F	1500	14344000	920	35	20.5
Rhincodontidae	<i>Rhincodon_typus</i>	M	1300	9337000	810	25	16.8
Rhincodontidae	<i>Rhincodon_typus</i>	P	1800	24786000	862.5		
Rhinobatidae	<i>Pseudobatos_productus</i>	F	130	8910	99	11	7
Rhinobatidae	<i>Pseudobatos_productus</i>	M	114	6034	95	11	8
Rhinobatidae	<i>Pseudobatos_productus</i>	P	160	9800		11	
Rhinobatidae	<i>Pseudobatos_productus</i>	F	137		70		
Rhinobatidae	<i>Zapteryx_exasperata</i>	F	94	5500	77		
Rhinobatidae	<i>Zapteryx_exasperata</i>	M	83	3700	62.25		
Rhinobatidae	<i>Zapteryx_exasperata</i>	P	125	5500			
Salmonidae	<i>Oncorhynchus_clarkii</i>	F	70	8000	15	13	4.90
Salmonidae	<i>Oncorhynchus_clarkii</i>	M	70	8000	12	12	3.75
Salmonidae	<i>Oncorhynchus_mykiss</i>	F			60		
Salmonidae	<i>Oncorhynchus_mykiss</i>	M	122	19000	45	9	3.00
Salmonidae	<i>Oncorhynchus_gorbuscha</i>	F	76	7000	50	22	
Salmonidae	<i>Oncorhynchus_gorbuscha</i>	M			40		
Salmonidae	<i>Oncorhynchus_keta</i>	P	110	15000			
Salmonidae	<i>Oncorhynchus_kisutch</i>	F	110		61	6	3.00
Salmonidae	<i>Oncorhynchus_kisutch</i>	M	110	16000	45	5	4.00
Salmonidae	<i>Oncorhynchus_nerka</i>	F				7	3.00
Salmonidae	<i>Oncorhynchus_nerka</i>	M	83	7300	20	1	1.00
Salmonidae	<i>Oncorhynchus_tshawytscha</i>	F				5	5.00
Salmonidae	<i>Oncorhynchus_tshawytscha</i>	M	162			1	1.00
Salmonidae	<i>Salvelinus_malma</i>	P	100	9500	40	18	5.00
Scaridae	<i>Nicholsina_denticulata</i>	P	30				
Sciaenidae	<i>Atractoscion_nobilis</i>	F	156	39000	75		4.5
Sciaenidae	<i>Atractoscion_nobilis</i>	M			60		4
Sciaenidae	<i>Atractoscion_nobilis</i>	P	166	42300		28	
Sciaenidae	<i>Cheilotrema_saturnum</i>	F	30.9	426			
Sciaenidae	<i>Cheilotrema_saturnum</i>	M	39.4	868			
Sciaenidae	<i>Cheilotrema_saturnum</i>	P	45	1474	17	21	1.5

Sciaenidae	<i>Cynoscion_parvipinnis</i>	P	60	4700			
Sciaenidae	<i>Genyonemus_lineatus</i>	F	30.9	346	15	12	1
Sciaenidae	<i>Genyonemus_lineatus</i>	M	29.3	290	14	12	1
Sciaenidae	<i>Genyonemus_lineatus</i>	P	41	821		12	
Sciaenidae	<i>Menticirrhus_undulatus</i>	F			34.3		2.5
Sciaenidae	<i>Menticirrhus_undulatus</i>	M			25.4		2
Sciaenidae	<i>Menticirrhus_undulatus</i>	P	83.6	3900		11	
Sciaenidae	<i>Roncador_stearnsii</i>	F	59	2471		22	
Sciaenidae	<i>Roncador_stearnsii</i>	M	56.5	2190		24	
Sciaenidae	<i>Roncador_stearnsii</i>	P	68.6	6400		24	
Sciaenidae	<i>Seriphus_politus</i>	F	24.7	143	11.9	12	1
Sciaenidae	<i>Seriphus_politus</i>	M	19.7	71	8.3	12	0.75
Sciaenidae	<i>Seriphus_politus</i>	P	30.5	475	11.9	12	
Sciaenidae	<i>Umbrina_roncador</i>	F	44.4	1132	22.5	15	
Sciaenidae	<i>Umbrina_roncador</i>	M	48.0	1395		15	
Sciaenidae	<i>Umbrina_roncador</i>	P	55.6	2665	22.5	15	2
Scomberosocidae	<i>Cololabis_saira</i>	P	44	180	24.6	6	2
Scombridae	<i>Acanthocybium_solandri</i>	F	185.7	46000	106.1	9.3	1
Scombridae	<i>Acanthocybium_solandri</i>	M	163.5	32800	97.6	9.1	0.9
Scombridae	<i>Acanthocybium_solandri</i>	P	250	83600	100	10	1
Scombridae	<i>Auxis_rochei</i>	P	50	1900	24		2
Scombridae	<i>Auxis_thazard</i>	P	60	2200	38	7	3.5
Scombridae	<i>Euthynnus_affinis</i>	P	100	13600	40		
Scombridae	<i>Euthynnus_lineatus</i>	P	92	9100			
Scombridae	<i>Euthynnus(Katsuwonus)_pelamis</i>	P	120	34000	40		1
Scombridae	<i>Sarda_chiliensis</i>	P	122	11300	49	7	1.5
Scombridae	<i>Scomberomorus_sierra</i>	F	82.9	8200	49.6	6.5	3
Scombridae	<i>Scomber_japonicus</i>	P	65	2900	25		2
Scombridae	<i>Scomberomorus_sierra</i>	F	82.9	2700	49.6	6.5	3
Scombridae	<i>Scomberomorus_sierra</i>	P	112	8200		11	
Scorpaenidae	<i>Scorpaena_guttata</i>	F	36	890	18	21	
Scorpaenidae	<i>Scorpaena_guttata</i>	M	34.3	890	17	15	
Scorpaenidae	<i>Scorpaena_guttata</i>	P	47	2000	17.5		2
Sebastidae	<i>Sebastolobus_macrochir</i>	P	38	1596	16	34	
Scyliorhinidae	<i>Apristurus_brunneus</i>	F	66	968	50.1		
Scyliorhinidae	<i>Apristurus_brunneus</i>	M	69.3	971	51.4		
Scyliorhinidae	<i>Apristurus_brunneus</i>	F	55.6	594	45		
Scyliorhinidae	<i>Apristurus_brunneus</i>	M	62.5	725	47.5		
Scyliorhinidae	<i>Apristurus_brunneus</i>	P	71				
Scyliorhinidae	<i>Cephaloscyllium_ventriosum</i>	M			83.5		
Scyliorhinidae	<i>Cephaloscyllium_ventriosum</i>	P	110				
Scyliorhinidae	<i>Parmaturus_xaniurus</i>	F	57.9	779	50.1		
Scyliorhinidae	<i>Parmaturus_xaniurus</i>	M	51.2	498	44.4		
Scyliorhinidae	<i>Parmaturus_xaniurus</i>	F	57.4	825	45		
Scyliorhinidae	<i>Parmaturus_xaniurus</i>	M	51.6	626	40		
Scyliorhinidae	<i>Parmaturus_xaniurus</i>	F	35	148			
Scyliorhinidae	<i>Parmaturus_xaniurus</i>	M	38	234	35		

Scyliorhinidae	<i>Parmaturus_xaniurus</i>	P	61	850			
Scytalinidae	<i>Scytalina_cerdale</i>	P	15.2				
Sebastidae	<i>Sebastes_aleutianus</i>	F	51			135	
Sebastidae	<i>Sebastes_aleutianus</i>	M	56			125	
Sebastidae	<i>Sebastes_aleutianus</i>	P	72.6	21000	45	205	19.6
Sebastidae	<i>Sebastes_alutus</i>	F				38	
Sebastidae	<i>Sebastes_alutus</i>	M				32	
Sebastidae	<i>Sebastes_alutus</i>	P	51				9.1
Sebastidae	<i>Sebastes_alutus</i>	F		1500	36		
Sebastidae	<i>Sebastes_alutus</i>	M		1200	31		
Sebastidae	<i>Sebastes_alutus</i>	P	51				
Sebastidae	<i>Sebastes_alutus</i>	P	75	2700	33.7	104	8
Sebastidae	<i>Sebastes_atrovirens</i>	P	53	2100	24	20	4
Sebastidae	<i>Sebastes_auriculatus</i>	P	56	2900	27.5	34	4.5
Sebastidae	<i>Sebastes_aurora</i>	F					
Sebastidae	<i>Sebastes_aurora</i>	M					
Sebastidae	<i>Sebastes_aurora</i>	F					
Sebastidae	<i>Sebastes_aurora</i>	M					
Sebastidae	<i>Sebastes_aurora</i>	F					
Sebastidae	<i>Sebastes_aurora</i>	M					
Sebastidae	<i>Sebastes_aurora</i>	F					
Sebastidae	<i>Sebastes_aurora</i>	M					
Sebastidae	<i>Sebastes_aurora</i>	F					
Sebastidae	<i>Sebastes_aurora</i>	M					
Sebastidae	<i>Sebastes_aurora</i>	F					
Sebastidae	<i>Sebastes_aurora</i>	M					
Sebastidae	<i>Sebastes_aurora</i>	F			28	118	5
Sebastidae	<i>Sebastes_aurora</i>	M			28	81	5
Sebastidae	<i>Sebastes_aurora</i>	P	41	1100	25	125	16
Sebastidae	<i>Sebastes_babcocki</i>	P			42	106	19
Sebastidae	<i>Sebastes_babcocki</i>	F				28	
Sebastidae	<i>Sebastes_babcocki</i>	M				23	
Sebastidae	<i>Sebastes_babcocki</i>	F				34	4
Sebastidae	<i>Sebastes_babcocki</i>	M				31	5
Sebastidae	<i>Sebastes_babcocki</i>	P	71	5000		86	
Sebastidae	<i>Sebastes_borealis</i>	F				37	23.2
Sebastidae	<i>Sebastes_borealis</i>	M				34	
Sebastidae	<i>Sebastes_borealis</i>	P			45		21.4
Sebastidae	<i>Sebastes_borealis</i>	P	120	30600	45	160	22
Sebastidae	<i>Sebastes_brevispinis</i>	F					
Sebastidae	<i>Sebastes_brevispinis</i>	M					
Sebastidae	<i>Sebastes_brevispinis</i>	F				42	
Sebastidae	<i>Sebastes_brevispinis</i>	M				40	
Sebastidae	<i>Sebastes_brevispinis</i>	P	73	4700	45	82	10
Sebastidae	<i>Sebastes_carnatus</i>	F					
Sebastidae	<i>Sebastes_carnatus</i>	M					
Sebastidae	<i>Sebastes_carnatus</i>	P	42.5	1300	21.67	28	4
Sebastidae	<i>Sebastes_caurinus</i>	F				22	
Sebastidae	<i>Sebastes_caurinus</i>	M					

Sebastidae	<i>Sebastes_caurinus</i>	P	66	4500	34.8	50	6
Sebastidae	<i>Sebastes_chlorostictus</i>	F			28	49	
Sebastidae	<i>Sebastes_chlorostictus</i>	M			27	50	
Sebastidae	<i>Sebastes_chlorostictus</i>	P	63	4400			12
Sebastidae	<i>Sebastes_chlorostictus</i>	F			22		
Sebastidae	<i>Sebastes_chlorostictus</i>	M			22		6
Sebastidae	<i>Sebastes_chlorostictus</i>	P	50	2000		51	6
Sebastidae	<i>Sebastes_ciliatus</i>	P				59	
Sebastidae	<i>Sebastes_ciliatus</i>	P	46	3415	36.5	67	
Sebastidae	<i>Sebastes_constellatus</i>	F				28	
Sebastidae	<i>Sebastes_constellatus</i>	M				32	
Sebastidae	<i>Sebastes_constellatus</i>	P	46	1700	26	32	7
Sebastidae	<i>Sebastes_crameri</i>	F					
Sebastidae	<i>Sebastes_crameri</i>	M					
Sebastidae	<i>Sebastes_crameri</i>	F					
Sebastidae	<i>Sebastes_crameri</i>	M					
Sebastidae	<i>Sebastes_crameri</i>	F					
Sebastidae	<i>Sebastes_crameri</i>	M					
Sebastidae	<i>Sebastes_crameri</i>	F					
Sebastidae	<i>Sebastes_crameri</i>	M					
Sebastidae	<i>Sebastes_crameri</i>	P	58	2800	34.7	105	8
Sebastidae	<i>Sebastes_dalli</i>	P	25.4	300	12.7	12	4
Sebastidae	<i>Sebastes_diploproa</i>	F					
Sebastidae	<i>Sebastes_diploproa</i>	M					
Sebastidae	<i>Sebastes_diploproa</i>	F					
Sebastidae	<i>Sebastes_diploproa</i>	M					
Sebastidae	<i>Sebastes_diploproa</i>	F					
Sebastidae	<i>Sebastes_diploproa</i>	M					
Sebastidae	<i>Sebastes_diploproa</i>	F					
Sebastidae	<i>Sebastes_diploproa</i>	M					
Sebastidae	<i>Sebastes_diploproa</i>	F					
Sebastidae	<i>Sebastes_diploproa</i>	M					
Sebastidae	<i>Sebastes_diploproa</i>	P	46	1435	21.8	103	8
Sebastidae	<i>Sebastes_elongatus</i>	P			21	54	
Sebastidae	<i>Sebastes_elongatus</i>	F				28	
Sebastidae	<i>Sebastes_elongatus</i>	M				37	
Sebastidae	<i>Sebastes_elongatus</i>	P	43	980	21.4	54	5
Sebastidae	<i>Sebastes_emphaeus</i>	F			13		1.5
Sebastidae	<i>Sebastes_emphaeus</i>	M					
Sebastidae	<i>Sebastes_emphaeus</i>	P	18.3	75	12	22	3
Sebastidae	<i>Sebastes_ensifer</i>	F	30.5		15	38	9
Sebastidae	<i>Sebastes_ensifer</i>	M	30.5		16	37	10
Sebastidae	<i>Sebastes_ensifer</i>	P	30.5	2500	12	58	6
Sebastidae	<i>Sebastes_entomelas</i>	F					
Sebastidae	<i>Sebastes_entomelas</i>	M					
Sebastidae	<i>Sebastes_entomelas</i>	F					
Sebastidae	<i>Sebastes_entomelas</i>	M					

Sebastidae	<i>Sebastes entomelas</i>	F				
Sebastidae	<i>Sebastes entomelas</i>	M				
Sebastidae	<i>Sebastes entomelas</i>	F				
Sebastidae	<i>Sebastes entomelas</i>	M				
Sebastidae	<i>Sebastes entomelas</i>	P	62	3000	35	54 5.5
Sebastidae	<i>Sebastes_eos</i>	P	56	2750		
Sebastidae	<i>Sebastes flavidus</i>	F			45	
Sebastidae	<i>Sebastes flavidus</i>	M			44	
Sebastidae	<i>Sebastes flavidus</i>	F			43	53 11
Sebastidae	<i>Sebastes flavidus</i>	M			42	48 9
Sebastidae	<i>Sebastes flavidus</i>	F			43	
Sebastidae	<i>Sebastes flavidus</i>	M			41	
Sebastidae	<i>Sebastes flavidus</i>	F			37	6
Sebastidae	<i>Sebastes flavidus</i>	M			35	5
Sebastidae	<i>Sebastes flavidus</i>	P	66	4200	42.3	64
Sebastidae	<i>Sebastes_gilli</i>	P	71.2	6600	34.8	89 12
Sebastidae	<i>Sebastes_glaucus</i>	P	50.5	2000	36	19 8.5
Sebastidae	<i>Sebastes goodei</i>	F			39	
Sebastidae	<i>Sebastes goodei</i>	M			28	
Sebastidae	<i>Sebastes goodei</i>	F		2300	31	3
Sebastidae	<i>Sebastes goodei</i>	M		2300	27.8	39 3
Sebastidae	<i>Sebastes goodei</i>	F			26	3
Sebastidae	<i>Sebastes goodei</i>	M			26	3
Sebastidae	<i>Sebastes goodei</i>	P	59	2300	24	35
Sebastidae	<i>Sebastes_helvomaculatus</i>	P	41	1500	22	87 10
Sebastidae	<i>Sebastes_hopkinsi</i>	F				19
Sebastidae	<i>Sebastes_hopkinsi</i>	M				13
Sebastidae	<i>Sebastes_hopkinsi</i>	P	29	300	14	50 5
Sebastidae	<i>Sebastes_jordani</i>	P	35	300	13.4	30 2
Sebastidae	<i>Sebastes_lentiginosus</i>	P	23	800		22
Sebastidae	<i>Sebastes_levis</i>	P	94	13200	43	55 10
Sebastidae	<i>Sebastes_macdonaldi</i>	P	66	3140		
Sebastidae	<i>Sebastes_maliger</i>	P	46			60
Sebastidae	<i>Sebastes_maliger</i>	P	50			73
Sebastidae	<i>Sebastes_maliger</i>	P	40			39
Sebastidae	<i>Sebastes_maliger</i>	P	42			53
Sebastidae	<i>Sebastes_maliger</i>	F			36	29 11
Sebastidae	<i>Sebastes_maliger</i>	M			35	28 7
Sebastidae	<i>Sebastes_maliger</i>	P	61	3300	29	95 11
Sebastidae	<i>Sebastes melanops</i>	P	69	6000	43.69	56 5
Sebastidae	<i>Sebastes_melanosema</i>	P	39	1500		
Sebastidae	<i>Sebastes_melanostictus</i>	P	61	6000	46	62 27.4
Sebastidae	<i>Sebastes melanostomus</i>	F			35	20
Sebastidae	<i>Sebastes melanostomus</i>	M			33	19
Sebastidae	<i>Sebastes melanostomus</i>	P				
Sebastidae	<i>Sebastes melanostomus</i>	F				
Sebastidae	<i>Sebastes melanostomus</i>	M				

Sebastidae	<i>Sebastes melanostomus</i>	P	61	3400	34	90	25.7
Sebastidae	<i>Sebastes miniatus/S. crocotulus</i>	P	76	6800	37	60	5
Sebastidae	<i>Sebastes moseri</i>	P	20.6	300		29	
Sebastidae	<i>Sebastes mystinus/S. diaconus</i>	F					
Sebastidae	<i>Sebastes mystinus/S. diaconus</i>	M					
Sebastidae	<i>Sebastes mystinus/S. diaconus</i>	F					
Sebastidae	<i>Sebastes mystinus/S. diaconus</i>	M					
Sebastidae	<i>Sebastes mystinus/S. diaconus</i>	F					
Sebastidae	<i>Sebastes mystinus/S. diaconus</i>	P	53.3	1800	32.6	44	10
Sebastidae	<i>Sebastes nebulosus</i>	F					
Sebastidae	<i>Sebastes nebulosus</i>	M					
Sebastidae	<i>Sebastes nebulosus</i>	P	45	1900	27	79	4
Sebastidae	<i>Sebastes nigrocinctus</i>	P	63.5	3400		116	
Sebastidae	<i>Sebastes ovalis</i>	F			28		
Sebastidae	<i>Sebastes ovalis</i>	M			28		
Sebastidae	<i>Sebastes ovalis</i>	F			25	37	
Sebastidae	<i>Sebastes ovalis</i>	M			24	30	
Sebastidae	<i>Sebastes ovalis</i>	P	56	2500	24	37	4
Sebastidae	<i>Sebastes paucispinis</i>	P	98.1	10700	38.5	34	3
Sebastidae	<i>Sebastes phillipsi</i>	P	52	2100		53	
Sebastidae	<i>Sebastes pinniger</i>	F					
Sebastidae	<i>Sebastes pinniger</i>	M					
Sebastidae	<i>Sebastes pinniger</i>	F					
Sebastidae	<i>Sebastes pinniger</i>	M					
Sebastidae	<i>Sebastes pinniger</i>	F					
Sebastidae	<i>Sebastes pinniger</i>	M					
Sebastidae	<i>Sebastes pinniger</i>	F					
Sebastidae	<i>Sebastes pinniger</i>	M					
Sebastidae	<i>Sebastes pinniger</i>	P	76	6700	42	84	14
Sebastidae	<i>Sebastes polyspinis</i>	P	48	1700	30	76	7.6
Sebastidae	<i>Sebastes proriger</i>	F			28		7
Sebastidae	<i>Sebastes proriger</i>	M			26		7
Sebastidae	<i>Sebastes proriger</i>	F			29		
Sebastidae	<i>Sebastes proriger</i>	M			28		
Sebastidae	<i>Sebastes proriger</i>	P	51	1500		55	
Sebastidae	<i>Sebastes rastrelliger</i>	P					
Sebastidae	<i>Sebastes rastrelliger</i>	P					
Sebastidae	<i>Sebastes rastrelliger</i>	P	56	2900	24	23	4
Sebastidae	<i>Sebastes reedi</i>	F					
Sebastidae	<i>Sebastes reedi</i>	M					
Sebastidae	<i>Sebastes reedi</i>	P	58	2800	38	99	6
Sebastidae	<i>Sebastes rosaceus</i>	F			17	22	8
Sebastidae	<i>Sebastes rosaceus</i>	M			18	29	8
Sebastidae	<i>Sebastes rosaceus</i>	P	36	650	18	32	8
Sebastidae	<i>Sebastes rosaceus</i>	P	36	650	15	24	8
Sebastidae	<i>Sebastes rosenblatti</i>	F			28	50	

Sebastidae	<i>Sebastes_rosenblatti</i>	M		30	50	
Sebastidae	<i>Sebastes_rosenblatti</i>	P	48.3	2700	29	58 10
Sebastidae	<i>Sebastes_ruberrimus</i>	F				
Sebastidae	<i>Sebastes_ruberrimus</i>	M				
Sebastidae	<i>Sebastes_ruberrimus</i>	P	91.4	12600	42.1	147 22
Sebastidae	<i>Sebastes_rubrivinctus</i>	P	44	1800		38
Sebastidae	<i>Sebastes_rufinanus</i>	P	17	100		
Sebastidae	<i>Sebastes_rufus</i>	F				
Sebastidae	<i>Sebastes_rufus</i>	M				
Sebastidae	<i>Sebastes_rufus</i>	P	55.2	2500	33	73 16
Sebastidae	<i>Sebastes_saxicola</i>	P	41	1100	17	38 4
Sebastidae	<i>Sebastes_saxicola</i>	F			18	38 9
Sebastidae	<i>Sebastes_saxicola</i>	M			10	28
Sebastidae	<i>Sebastes_saxicola</i>	P	30	1000	17	
Sebastidae	<i>Sebastes_semicinctus</i>	F			11	15
Sebastidae	<i>Sebastes_semicinctus</i>	M			11	14
Sebastidae	<i>Sebastes_semicinctus</i>	P	25		11	15
Sebastidae	<i>Sebastes_serranoides</i>	F			34	4
Sebastidae	<i>Sebastes_serranoides</i>	M			32	5
Sebastidae	<i>Sebastes_serranoides</i>	P	61	2700	33	30 5
Sebastidae	<i>Sebastes_serriceps</i>	F			20.9	4
Sebastidae	<i>Sebastes_serriceps</i>	M			19	3
Sebastidae	<i>Sebastes_serriceps</i>	P	41	1900	21	25 5
Sebastidae	<i>Sebastes_simulator</i>	F			17	32 11
Sebastidae	<i>Sebastes_simulator</i>	M			17	39 11
Sebastidae	<i>Sebastes_simulator</i>	P	35	700	15	39 11
Sebastidae	<i>Sebastes_umbrosus</i>	p	28.5	452	15	31 5
Sebastidae	<i>Sebastes_variabilis</i>	F			47	
Sebastidae	<i>Sebastes_variabilis</i>	M			46	
Sebastidae	<i>Sebastes_variabilis</i>	P	53	3000	37	76 9
Sebastidae	<i>Sebastes_variegatus</i>	F				
Sebastidae	<i>Sebastes_variegatus</i>	M				
Sebastidae	<i>Sebastes_variegatus</i>	P				
Sebastidae	<i>Sebastes_variegatus</i>	P	38	966	23	47 10
Sebastidae	<i>Sebastes_wilsoni</i>	P	23	125		26
Sebastidae	<i>Sebastes_zacentrus</i>	F			28	10
Sebastidae	<i>Sebastes_zacentrus</i>	M				
Sebastidae	<i>Sebastes_zacentrus</i>	P				
Sebastidae	<i>Sebastes_zacentrus</i>	F			25	
Sebastidae	<i>Sebastes_zacentrus</i>	M			24	
Sebastidae	<i>Sebastes_zacentrus</i>	P				
Sebastidae	<i>Sebastes_zacentrus</i>	F			22	6
Sebastidae	<i>Sebastes_zacentrus</i>	M			21	7
Sebastidae	<i>Sebastes_zacentrus</i>	P	49	1100	22	73
Sebastidae	<i>Sebastes_zacentrus</i>	F				
Sebastidae	<i>Sebastes_zacentrus</i>	M				
Sebastidae	<i>Sebastes_zacentrus</i>	P				

Sebastidae	<i>Sebastolobus alascanus</i>	P	82.6	6600	18	133	13
Sebastidae	<i>Sebastolobus altivelis</i>	P	39	668	17.8	65	15
Sebastidae	<i>Sebastolobus_macrochir</i>	P	38				
Serranidae	<i>Paralabrax_auroguttatus</i>	F	61.8	3100		24	
Serranidae	<i>Paralabrax_auroguttatus</i>	M	55.7			11	
Serranidae	<i>Paralabrax_auroguttatus</i>	P	71	4700		24	
Serranidae	<i>Paralabrax_clathratus</i>	F			22.6		3
Serranidae	<i>Paralabrax_clathratus</i>	M			22		2
Serranidae	<i>Paralabrax_clathratus</i>	P	72.1	6600		33	
Serranidae	<i>Paralabrax_maculatofasciatus</i>	F			19.1	14	0.9
Serranidae	<i>Paralabrax_maculatofasciatus</i>	M			22	13	1.4
Serranidae	<i>Paralabrax_maculatofasciatus</i>	P	38.1	3100		14	
Serranidae	<i>Paralabrax_nebulifer</i>	F			23.9		3
Serranidae	<i>Paralabrax_nebulifer</i>	M			21.9		2
Serranidae	<i>Paralabrax_nebulifer</i>	P	65	6000		24	
Somniosidae	<i>Somniosus_pacificus</i>	F	430	7670	450		
Somniosidae	<i>Somniosus_pacificus</i>	P	760	12800			
Sparidae	<i>Calamus_brachysomus</i>	P	61	2300			
Sphyraenidae	<i>Sphyraena_argentea</i>	F	95.2	4393	49		2.5
Sphyraenidae	<i>Sphyraena_argentea</i>	M	95.2	5253	39		1.5
Sphyraenidae	<i>Sphyraena_argentea</i>	P	122	7200		18	
Sphyrnidae	<i>Sphyrna_lewini</i>	F	276	8500	204	12.5	6.5
Sphyrnidae	<i>Sphyrna_lewini</i>	M	245	6400	170	11	4.5
Sphyrnidae	<i>Sphyrna_lewini</i>	F	335.6	180000	223	8	5.8
Sphyrnidae	<i>Sphyrna_lewini</i>	M	244.3	120000	170	7.5	4.3
Sphyrnidae	<i>Sphyrna_lewini</i>	P	430	160100		35	
Sphyrnidae	<i>Sphyrna_tiburo</i>	F	164	10327	137	17.9	6.7
Sphyrnidae	<i>Sphyrna_tiburo</i>	M	138	4388	113	16	3.9
Sphyrnidae	<i>Sphyrna_tiburo</i>	P	150	11800		18	
Sphyrnidae	<i>Sphyrna_zygaena</i>	F	286	69500	200	18	6.5
Sphyrnidae	<i>Sphyrna_zygaena</i>	M	278	74300	194	17	6
Sphyrnidae	<i>Sphyrna_zygaena</i>	P	500	350000			
Squalidae	<i>Squalus_suckleyi</i>	F	129	8668	97.3	100	36
Squalidae	<i>Squalus_suckleyi</i>	M	99	3914	74.5		21
Squalidae	<i>Squalus_suckleyi</i>	F	110	5371	94	89	35
Squalidae	<i>Squalus_suckleyi</i>	M	98	3796	72		
Squalidae	<i>Squalus_suckleyi</i>	F	109	5225	92	89	20
Squalidae	<i>Squalus_suckleyi</i>	M					
Squalidae	<i>Squalus_suckleyi</i>	F	79	1987		80	
Squalidae	<i>Squalus_suckleyi</i>	M					
Squalidae	<i>Squalus_suckleyi</i>	F	125	7450	90		35.5
Squalidae	<i>Squalus_suckleyi</i>	M	85	2300	75		18.5
Squalidae	<i>Squalus_suckleyi</i>	P	130	9400		100	
Squatinaidae	<i>Squatina_californica</i>	F	118		107		10
Squatinaidae	<i>Squatina_californica</i>	M	115		102		
Squatinaidae	<i>Squatina_californica</i>	P	152			35	

Squatinaidae	<i>Squatina californica</i>	F	99	6000	77.7		
Squatinaidae	<i>Squatina californica</i>	M	95	5000	75.6		
Sternoptychidae	<i>Argyropelecus sladeni</i>	P	8.4	7		3	
Stichaeidae	<i>Lumpenopsis hypochroma</i>	P	7.4				
Stichaeidae	<i>Anisarchus medius</i>	P	18				
Stichaeidae	<i>Anoplarchus insignis</i>	P	11.7				
Stichaeidae	<i>Anoplarchus purpureus</i>	F	14	12	9.3	5	2.5
Stichaeidae	<i>Anoplarchus purpureus</i>	M	14	12	9.3	4	2.5
Stichaeidae	<i>Anoplarchus purpureus</i>	P	20	38	9.3	5	2.5
Stichaeidae	<i>Bryozoichthys lysimus</i>	P	26.9				
Stichaeidae	<i>Bryozoichthys marjorius</i>	P	30.5				
Stichaeidae	<i>Cebidichthys violaceus</i>	F	65	1826	41	18	5
Stichaeidae	<i>Cebidichthys violaceus</i>	M	71	2754		18	
Stichaeidae	<i>Cebidichthys violaceus</i>	P	76.2	2300		18	
Stichaeidae	<i>Chirolophis decoratus</i>	P	42				
Stichaeidae	<i>Chirolophis nugator</i>	P	14.6	26	8	5	1.9
Stichaeidae	<i>Ernogrammus walkeri</i>	P	28.7				
Stichaeidae	<i>Kasatkia seigeli</i>	P	14				
Stichaeidae	<i>Leptoclinus maculatus</i>	F	15.8	10	13.6	10	7
Stichaeidae	<i>Leptoclinus maculatus</i>	M	16.8	12	13.6	12	6
Stichaeidae	<i>Leptoclinus maculatus</i>	P	22	17			
Stichaeidae	<i>Lumpenella longirostris</i>	P	43	150	27	4	
Stichaeidae	<i>Lumpenus sagitta</i>	P	51				
Stichaeidae	<i>Phytichthys chirus</i>	P	21.1				
Stichaeidae	<i>Plectobranthus evides</i>	P	13.7				
Stichaeidae	<i>Poroclinus rothrocki</i>	P	25.4				
Stichaeidae	<i>Stichaeus punctatus</i>	P	22	57		6	
Stichaeidae	<i>Xiphister atropurpureus</i>	F	26.2	74			
Stichaeidae	<i>Xiphister atropurpureus</i>	P	32.3	138	12.25	16	2.5
Stichaeidae	<i>Xiphister mucosus</i>	F	52	814			
Stichaeidae	<i>Xiphister mucosus</i>	P	58.6	1196	29	11	4.5
Stomiidae	<i>Chauliodus macouni</i>	P	32.8	128		8	
Stomiidae	<i>Tactostoma macropus</i>	F	42.7	117	30.7	8	6
Stomiidae	<i>Tactostoma macropus</i>	M	37.3	65			
Stomiidae	<i>Tactostoma macropus</i>	P	50.9	246			
Stromateidae	<i>Peprilus simillimus</i>	P	28	458	13		
Syngnathidae	<i>Cosmocampus arctus</i>	P	12.7				
Syngnathidae	<i>Hippocampus ingens</i>	P	30.5	84			
Syngnathidae	<i>Syngnathus auliscus</i>	P	19				
Syngnathidae	<i>Syngnathus californiensis</i>	P	49.5	62			
Syngnathidae	<i>Syngnathus leptorhynchus</i>	F			16.6		
Syngnathidae	<i>Syngnathus leptorhynchus</i>	M			11.8		
Syngnathidae	<i>Syngnathus leptorhynchus</i>	P	38.5	48.3			
Synodontidae	<i>Synodus lucioceps</i>	P	63.9	1648	33		
Tetragonuridae	<i>Tetragonurus cuvieri</i>	P	70				
Thunnidae	<i>Thunnus albacares</i>	F			101	3.5	1.5

Thunnidae	<i>Thunnus_albacares</i>	M			76	5	
Thunnidae	<i>Thunnus_albacares</i>	P	220	200000		12	
Thunnidae	<i>Thunnus_obesus</i>	F	250				
Thunnidae	<i>Thunnus_obesus</i>	M	260				
Thunnidae	<i>Thunnus_obesus</i>	P	250	210000	110	11	3.5
Thunnidae	<i>Thunnus_orientalis</i>	P	305	458000	190	15	4
Tetraodontidae	<i>Sphaeroides_annulatus</i>	F	44		28.2		
Tetraodontidae	<i>Sphaeroides_annulatus</i>	M	44		28.6		
Tetraodontidae	<i>Sphaeroides_annulatus</i>	P	48		29		
Torpedinidae	<i>Torpedo_californica</i>	F	110	30902	73.1		9
Torpedinidae	<i>Torpedo_californica</i>	M	82	9553	64.5		6
Torpedinidae	<i>Torpedo_californica</i>	P	137	40900		16.5	
Trachipteridae	<i>Trachipterus_altivelis</i>	P	186	4100		7	
Triakidae	<i>Galeorhinus_galeus</i>	F	200	45500	157		12
Triakidae	<i>Galeorhinus_galeus</i>	M	180	28200	140		8.5
Triakidae	<i>Galeorhinus_galeus</i>	P	200	45500		40	
Triakidae	<i>Mustelus_californicus</i>	F	125	17400	70	9	2.5
Triakidae	<i>Mustelus_californicus</i>	M	93	7400	61	6	1.5
Triakidae	<i>Mustelus_californicus</i>	F	109	11749	86.2		
Triakidae	<i>Mustelus_californicus</i>	M	86	5937	72.8		
Triakidae	<i>Mustelus_californicus</i>	P	130	19500		9	
Triakidae	<i>Mustelus_henlei</i>	F	100	9100	57	13	2.5
Triakidae	<i>Mustelus_henlei</i>	M	79.5	4700	59	7	3
Triakidae	<i>Mustelus_henlei</i>	P	100	9100		13	
Triakidae	<i>Mustelus_lunulatus</i>	F	162	14150	103		
Triakidae	<i>Mustelus_lunulatus</i>	M	129	7276	91.5		
Y	<i>Mustelus_lunulatus</i>	P	175	17727			
Triakidae	<i>Triakis_semifasciata</i>	F	145	26588	95		
Triakidae	<i>Triakis_semifasciata</i>	F	134	21184	105		10
Triakidae	<i>Triakis_semifasciata</i>	M	136.4	22295	96.5		7
Triakidae	<i>Triakis_semifasciata</i>	P	202	31700		26.5	
Trichiuridae	<i>Trichiurus_nitens</i>	F	91.4	544	41.8	6	1.7
Trichiuridae	<i>Trichiurus_nitens</i>	M	81.8	431	39.1	5	1.6
Trichiuridae	<i>Trichiurus_nitens</i>	F	87.5	518	40.4	6	1.55
Trichiuridae	<i>Trichiurus_nitens</i>	M	72.4	281	34.9	5	1.2
Trichiuridae	<i>Trichiurus_nitens</i>	P	149.4	3175			
Trichodontidae	<i>Trichodon_trichodon</i>	F	35	360		9	
Trichodontidae	<i>Trichodon_trichodon</i>	P	30.5	382		9	
Triglidae	<i>Prionotus_stephanophrys</i>	F	37	599			
Triglidae	<i>Prionotus_stephanophrys</i>	M	27	209			
Triglidae	<i>Prionotus_stephanophrys</i>	P	43	1541		9	
Uranoscopidae	<i>Astroscopus_zephyreus</i>	P	52.1				
Uranoscopidae	<i>Kethetostema_averruncus</i>	F			26.2		
Uranoscopidae	<i>Kethetostema_averruncus</i>	P	32	499			
Urotrygonidae	<i>Urobatis_halleri</i>	F	47.4	1231	26	14	3.8

Urotrygonidae	<i>Urobatis_halleri</i>	M	44.7	1029	26	14	3.75
Urotrygonidae	<i>Urobatis_halleri</i>	P	56	1400		14	
Xiphiidae	<i>Xiphias_gladus</i>	F			151	32	3.5
Xiphiidae	<i>Xiphias_gladus</i>	M			107	14	2
Xiphiidae	<i>Xiphias_gladus</i>	P	450	650000			
Zaniolepididae	<i>Oxylebius_pictus</i>	F	21.5	98	17.1	8	3
Zaniolepididae	<i>Oxylebius_pictus</i>	M	20	80	14.3	6	2
Zaniolepididae	<i>Oxylebius_pictus</i>	P	25.4	250		8	
Zaniolepididae	<i>Oxylebius_pictus</i>	F	17.5	70	14.0	6	3
Zaniolepididae	<i>Oxylebius_pictus</i>	M	16	52	12.3	5	2
Zaniolepididae	<i>Oxylebius_pictus</i>	P	25.4	250		6	
Zaniolepididae	<i>Zaniolepis_frenata</i>	F					
Zaniolepididae	<i>Zaniolepis_frenata</i>	P	25	126	14		
Zaniolepididae	<i>Zaniolepis_latipinnis</i>	F					
Zaniolepididae	<i>Zaniolepis_latipinnis</i>	P	30.5	182	13	7	
Zaproridae	<i>Zaprora_silenus</i>	F	92.5	9952	57	20	5.1
Zaproridae	<i>Zaprora_silenus</i>	M	87.5	7752		18	
Zaproridae	<i>Zaprora_silenus</i>	P	99	9300		20	
Zoarcidae	<i>Bothrocara_brunneum</i>	F	59	1324	52.2	14	11
Zoarcidae	<i>Bothrocara_brunneum</i>	M	60.6	1453	38.3	14	8
Zoarcidae	<i>Bothrocara_brunneum</i>	P	74	2900	52.2	14	
Zoarcidae	<i>Bothrocara_molle</i>	P	58.9				
Zoarcidae	<i>Eucryphycus_californicus</i>	F	25.54	51	14.5	6	3.5
Zoarcidae	<i>Eucryphycus_californicus</i>	M	21.31	29	12	6	3
Zoarcidae	<i>Eucryphycus_californicus</i>	P	25.5	51		6	
Zoarcidae	<i>Gymnelus_viridis</i>	F	22	86			
Zoarcidae	<i>Gymnelus_viridis</i>	P	30	163		12	
Zoarcidae	<i>Lycodapus_mandibularis</i>	F					
Zoarcidae	<i>Lycodapus_mandibularis</i>	P	20.4		15.3	5	3.5
Zoarcidae	<i>Lycodes_brevipes</i>	P	32.8				
Zoarcidae	<i>Lycodes_cortezianus</i>	P	49.3	599			
Zoarcidae	<i>Lycodes_diapterus</i>	P	39				
Zoarcidae	<i>Lycodes_pacificus</i>	F			14.5		2
Zoarcidae	<i>Lycodes_pacificus</i>	M			16.5		3
Zoarcidae	<i>Lycodes_pacificus</i>	P	46	1306		5	
Zoarcidae	<i>Lycodes_palearis</i>	P	62	488			
Zoarcidae	<i>Melanostigma_pammelas</i>	F			11.1		6.25
Zoarcidae	<i>Melanostigma_pammelas</i>	M			10.55		4.25
Zoarcidae	<i>Melanostigma_pammelas</i>	P	13.3			8	

Scombridae	<i>Euthynnus(Katsuwonus)_pelamis</i>	P	120	34000	40		1
Scombridae	<i>Sarda_chiliensis</i>	P	122	11300	49	7	1.5
Scombridae	<i>Scomberomorus_sierra</i>	F	82.9	8200	49.6	6.5	3
Scombridae	<i>Scomber_japonicus</i>	P	65	2900	25		2

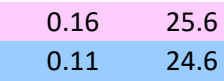
VB_k VB_Linf N LAT



0.0533 230.6

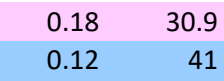


0.234 16.7



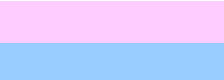
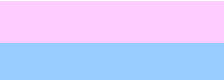
0.16 25.6

0.11 24.6

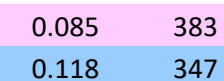


0.18 30.9

0.12 41



0.486 32.9



0.085 383

0.118 347

0.092	423
0.088	385

0.124	464
0.189	416
0.129	465
0.48	17

0.14	85
0.2	71
0.39	78
0.58	66
0.19	71
0.21	61
0.16	65
0.28	57
0.37	98
0.04	

1.44	18.5
1.42	17.2

0.17	55.8
0.45	21
0.24	21.8

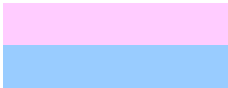
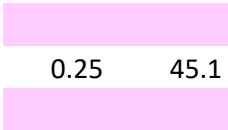
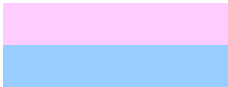
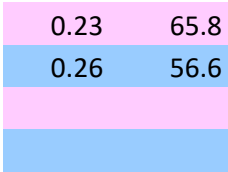
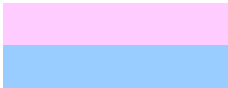
0.61	22.2
0.324	30.3

0.0685	20.0
0.1381	18.6
0.1621	12.5
0.76	54

0.362	62.1
0.202	99.8

0.196	133.6
0.166	63.6
0.193	57.9
0.0935	66.4
0.146	308
0.126	317
0.153	306
0.1235	262.1
0.1692	248.4
0.14	256
0.085	309.4
0.046	456
0.4	372
0.48	358
0.41	371
0.144	243

0.129	290
-------	-----



0.48	27.0
------	------

0.36	26.3
------	------

0.26	30
------	----

0.812	19.4
-------	------

0.5000	29
--------	----

0.982	117.5
-------	-------

0.604	147
-------	-----

0.91	231
------	-----

--	--

--	--

--	--

1.00	9.63
------	------

0.71	11.9
------	------

0.13	22.7
------	------

0.12	20.4
------	------

0.44	10.1
------	------

--	--

0.11	56.9
------	------

0.228	22.38
-------	-------

0.375	16.55
-------	-------

0.295	42.1
-------	------

0.257	46.8
0.297	43
0.171	44.2
0.147	52.2
0.179	45.8

--

0.3715	13.04
0.90	
0.41	
1.03	23.8

0.312	54.8
0.24	43.4

0.21	97
0.14	60.7

0.08	109.2
0.12	72.5

0.239	53.7
0.362	43.4

--

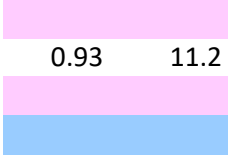
0.66 7.2
0.76 6.9



0.165	70.89
0.1571	65.32
0.51	59.93
0.65	52.98
0.17	64.72
0.35	44.07
0.17	64.72
0.35	44.07

0.21 38.8

0.19 27.3
0.11 39



0.93 11.2

0.05	94.6
0.1	63.6



0.248 27.4

0.73

0.41	39.9
0.62	31.4

--

0.25	40.5
0.34	32.5

0.2	46.8
0.3	35.3

--

0.61	16.4
0.61	16.0
0.35	16.7
0.42	18.9
0.82	13

0.756 16.2

--

0.34	38.4

0.34 38.4

--

0.70 25.5

0.57	25.9
0.80	24.3

0.81	24.1
0.78	24.3

0.32	34.4
0.37	33.1

0.46	35.8
0.96	25.0
0.263	39.8
0.263	38.5

1.32	18.9
2.43	15.6

0.456	22.5
0.545	20.6
0.451	22.6
1.35	18.3
1.79	16.5

0.54	24.8
0.59	21.1

2.01	14.6

1.17	15.5
1.22	11.3

0.726	14.8
0.727	9.5

--	--

0.60	27.6
0.52	28.8

0.58	31.5
0.68	26.6
0.70	24.9
0.88	22.8
0.425	26.3
0.25	48
0.33	41.8

--	--

0.5	14.7
0.645	13.8

1.03	9.3
1.275	8.8

1.23	20.8
0.087	
0.09	
0.19	21.9
0.35	17.6
0.551	13.5
1.41	12.7
0.299	19.4

0.12	97.3
------	------

0.091	20.9
-------	------

0.169	30.3
0.218	26.5

0.116	34.8
0.257	22.3

0.23	38.7
0.21	35.0
0.20	38.1
0.192	35.9
0.205	30.85
0.176	34.1
0.1	147.7
0.1	95.7

0.08	136.8
0.08	92.5
0.08	136.8
0.08	92.5

0.163	44.5
0.151	35.5
0.16	44.3
0.085	94.8
0.157	62.9
0.07	89.2

0.11	82.4
0.161	85.8
0.172	58.5
0.21	61.5
0.3	48.3

0.157	54.2
0.247	41.1

0.388	41.8
0.1749	37.2
0.1778	33.4

0.089	53.7
0.174	38.7
0.128	48.9
0.161	42.0

0.215	24.3
0.23	21.2

0.1 23.1

0.079	200
0.068	126
0.065	142
0.078	97
0.07	179
0.09	106
0.105	126
0.095	99
0.054	242
0.084	157

0.26	42
0.36	38

0.12	52
0.182	38.7

0.339	30.9
0.154	40
0.187	44.5
0.261	38.2

0.137	37.8
0.161	33.7

--	--

0.183	29.5
0.163	27.4

	49.89
0.091	52.2
0.071	48.2
0.085	47.4
0.089	43.7

0.35	43
------	----

0.474	38
0.253	43.2
0.366	31.2
0.143	46.7
0.256	36.3
0.258	42.8
0.389	30

0.21	81.2
0.25	67.1

--	--

0.156	50.2
0.204	37.9

0.4565	46.1
0.4328	41.7
0.79	37.6
0.6	31

0.125	86.2
0.204	26.3
0.208	30
0.171	28.2
0.141	55.6
0.131	51.4

0.157	76
0.182	69.5
0.3	69

0.147	105

0.157	113	
0.203	84	
0.307	89	

1.78	9.0	
1.78	9.0	

0.81	21.8	

0.46	15.1	
0.96	4.4	

0.18	7.1	
0.13	12.4	

0.16 8.4

0.85 8

0.147 61.7

0.15 23.3

0.26 20.9

0.9 19.7

0.41

0.11 80

0.22 47

0.25 42

0.21 46

0.527 39.1

0.527 37.9

0.534 38.4

0.201 43

0.288 39.5

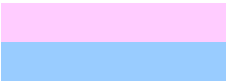
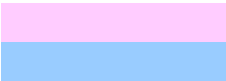
0.88 39.86

0.35 36.6

0.35 29.3

0.30 35.9

0.11	79
0.98	31
0.12	73
0.265	98.2
0.265	98.4
0.37	91.9
0.305	88.8
0.364	81.8
0.308	81.3
0.356	75.3
0.26	100.3
0.358	74.8
0.266	93.4
0.461	40.93
0.404	44.02
0.39	47.25
0.869	46.63

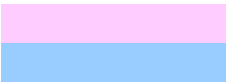


0.3	289
0.094	396
0.12	305

0.1	311
0.15	236
0.3	409

0.23	239
------	-----

0.81	259
0.71	276



0.52	25.7
0.135	24.3
0.16	23.5

0.359	19.8
0.472	19

0.352	39.7
0.168	54.6
0.128	44.3
0.229	39.9
0.182	46.8

0.058	767
0.156	206
0.072	321
0.05	411
0.17	253
0.23	226
0.18	250

0.3	20

0.253	45.5
0.097	73.5

0.111	97.3

0.023	355
0.015	206

0.024	101
0.04	75
0.041	76
0.0205	93

0.231	77.3
0.234	78.5
0.23	77.8

0.113	52.4
0.11	22.9
0.3	59

0.16	121.2
0.22	93.8
0.147	118.1
0.144	37.6

0.06 142.4

0.36 16.5

0.265 12.6

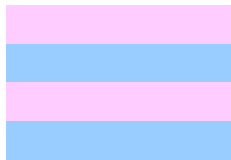
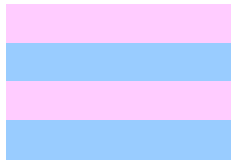
0.377 10.1

0.34 11.6

0.63 9.2

0.0995 252

0.059 317



0.5 18

0.224 35.5



0.43 20.5

0.34 21

1.055 33.7

0.909 35.7

0.71 17.4

0.044 232.4

0.127 37.9

0.581 38.2

0.095 25.1

0.052 50.4

0.24 23

0.20 24.6

0.19 26.8

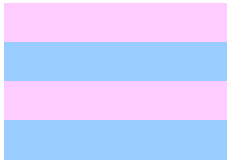
0.13 162.1

0.14 158.9

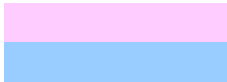
0.11 160

0.15 138.2

0.11 172.6



0.23 82.8



0.2 86.9



0.237 53.7

0.185 58

0.207 55.8

0.04 132



0.04 132



0.036 156

0.024 138

0.027 125

0.025 147

0.09 145

0.12 126

0.10 135

0.11 85.4

0.19 66.4

0.13 78.1



0.04 119

0.08 102

0.09 100

0.09 101

0.0796 247.5

0.1524 153.3

0.1145 189.6

0.04 293.5

0.05 233

0.04 293.4

0.37 167.9

0.43 139.3

0.38 151

0.0368 234.1

0.0561	168.8
0.0437	203.8
0.06	137.2
0.07	131.5
0.07	133.8
0.16	106.9
0.25	96.7
0.17	104.7

0.13	88.4
0.11	97.2
0.13	91.5

0.021	1582
0.017	1802
0.021	1534
0.016	594
0.095	142
0.047	228

0.3	147
0.3	152

0.3	85
5	85

0.17	141.8
0.34	28.2
0.13	31.5
0.31	28.9

0.037	60.72
0.033	59.17

0.17	57.5
0.1	57.4
0.13	56.5
0.2	23.7
0.2	21.4
0.3	21.6
0.307	38.1
0.269	36.4
0.278	37.4
0.41	36.7
0.317	185
0.44	160.4
0.381	175.3
0.7	44
0.523	48
0.79	82

0.43	93
0.38	29
0.15	121.4
0.22	36.9
0.15	121.4

0.13	44.3
0.12	36.3

--	--

0.06	51	40
0.04	53	40
0.08	55.24	40
		50
		50
0.114	51	50
0.14	47	44
0.17	45	44
0.091	51	50
0.168	45	44
0.3	40	35
0.16	51.4	39
0.09	35.6	49
0.06	37.7	49
0.07	36	46
0.08	35.2	46
0.07	34.3	41
0.07	33.6	41
0.06	32.3	37
0.06	32.5	37
0.06	31.3	34
0.06	30.4	34
		40
		40
0.09	31.42	40
		52
		43
		43
		36
		36
		38
0.042	83.2	50
		50
0.03	84.6	40
		50
0.068		53
0.088		53
0.093	62.3	40
0.11	57.2	40
0.093	62.3	53
0.21	41.4	35
0.28	37.7	35
0.107	28.8	35
0.166		37
0.193		37

0.206	48.43	37
0.064	45.4	36
0.058	49.8	36
0.062	46.9	36
0.157		33.5
0.161		33.5
0.04	48.96	33.5
		55
		53
0.087	45	33.5
0.094	38.06	33.5
0.09	45	33.5
	44.18	49
	39.45	49
	43.99	46
	38.82	46
	42.44	41
	38.35	41
	44.32	37
	38.07	37
0.19	43.4	40
0.12	37.1	33
0.14	35.42	49
0.17	30.76	49
0.14	31.65	46
0.14	29.41	46
0.13	30.89	41
0.16	27.53	41
0.15	30.19	37
0.14	27.77	37
0.1	27.8	34
0.12	24.96	34
0.16	29.62	40
0.105	33.83	40
0.105	37.26	33.5
0.12	29.65	33.5
0.105	34.9	33.5
0.54	18	50
0.7	15	50
0.789		50
0.12	22.1	33.5
0.126	20.5	33.5
0.14	17.6	33.5
0.15	53.68	49
0.19	47.56	49
0.17	50.35	46
0.21	46.39	46

0.18	50.3	41
0.24	45.38	41
0.14	49.55	37
0.18	45.68	37
0.172	50.7	40
		32
		53
		53
0.17	53	44
0.19	48	44
		53
		53
		34
		34
0.14	55.21	44
0.041	75	35
		55
		44
		44
0.17	52.2	40
0.19	47.6	40
		33.5
		33.5
0.19	48.13	33.5
0.1	28.7	41
0.176	25.25	33.5
0.063	24.71	33.5
0.124	26.7	33.5
0.198	29.1	36
		32
0.055	73.95	33
		35
0.153	40.7	49.3
0.107	46.9	48.3
0.115	36	48
0.175	32	47.6
0.07	42	43
0.09	39.5	43
0.199	43	40
0.22	50.33	44
		35
		55
0.04	54.8	37
0.068	44.8	37
0.045	50.9	37
0.04	55.4	33.5
0.06	46.7	33.5

0.05	63.49	33.5
		38
		32
0.2	38	45
0.34	30.6	45
0.17	34.2	40
0.19	31	40
0.13	37.3	33.5
0.12	42.1	37
0.188		
0.191		
0.144	32.8	36
		44
0.053		35
0.06		35
		33
		33
0.05	50	33
0.23	69.9	37
		37
0.14	58.52	49
0.18	51.73	49
0.14	58.3	46
0.17	52.04	46
0.17	57.4	41
0.2	51.17	41
0.12	60.01	37
0.15	52.84	37
0.13	65.3	40
		55
		46
		46
		52
		52
		40
0.16	47	34
0.13	43	33
0.13	45	35
0.25	48	45
0.22	46	45
0.25	47	45
0.236	24	37
0.22	25	37
0.24	26	37
0.28	24	33.5
0.053	58	33.5

0.058	56.1	33.5
0.05	58	33.5
0.04		
0.05		
0.06	64.7	40
		38
		32
0.09	48	
0.13	43	
0.04	59.4	40
0.06	33.6	40
0.064	33.05	33.5
0.186	17.38	33.5
		33.5
0.37	18.1	33.5
0.452	14.6	33.5
		33.5
0.18	51.9	36
0.27	43.3	36
		36
		33
		33
0.233	30.6	33
0.026	42.6	33.5
0.094	27.4	33.5
		33.5
0.11	24.9	33
0.235	48	55
0.253	46	
		55
0.11	32.3	55
0.091	30.6	55
0.099	31.5	55
0.16	29.9	53
		33.5
		55
		55
0.131	32.6	55
		53
		53
0.095	34.9	53
0.17	33.2	44
0.2	27	44
0.095	36	44
		33.5
		33.5
		33.5

0.02	89.06	40
0.11	28.18	40
		55

0.036	94.4
0.135	54.2
0.115	58.6

0.06	69.8
------	------

0.1077	43
--------	----

0.08	66.2
------	------

--	--

0.2618	90.3
--------	------

0.2373	88.7
--------	------

0.1	376
-----	-----

0.123	364
-------	-----

0.156	353.3
-------	-------

0.131	336.4
-------	-------

0.18	163
------	-----

0.29	133
------	-----

0.09	382
------	-----

0.09	365
------	-----

0.09	369
------	-----

0.058	102.5
-------	-------

0.106	87.2
-------	------

0.036	129
-------	-----

0.07	97
------	----

--	--

--	--

--	--

--	--

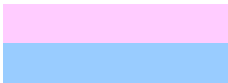
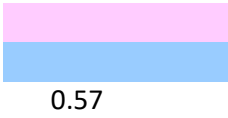
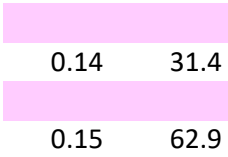
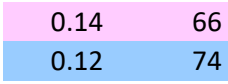
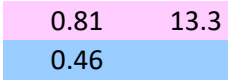
0.03	132
------	-----

0.06	94
------	----

0.162	126
-------	-----

0.152	125.9
-------	-------

0.146	127
-------	-----



0.1	160
0.167	216
0.114	244
0.2	216
0.15	346

0.0733	137.3
0.1372	92.1

0.075	163
0.092	152
0.124	183
0.218	142.4
0.35	101.8

0.168	154.4
0.225	97.6
0.285	86.1
0.224	97.7
0.235	47
0.253	45.5

0.073	160
0.089	149.9
0.082	153.6
0.21	118.8
0.32	84.5
0.24	96.2
0.56	60.3

--	--

0.217	39.9

--	--

0.15	39.2
------	------

0.09	50.2
------	------

0.524	238
0.07	232

0.43	21.4
0.32	18.4

0.18	23.8
0.18	89.3
	69.5

0.16	27.1
0.36	20.3
0.3	21.5
0.13	22

0.268	25.3

0.43	93	EuPe	??
0.38	29	SaCh	??
0.15	121.4	ScSi	??
0.22	36.9	ScJa	??